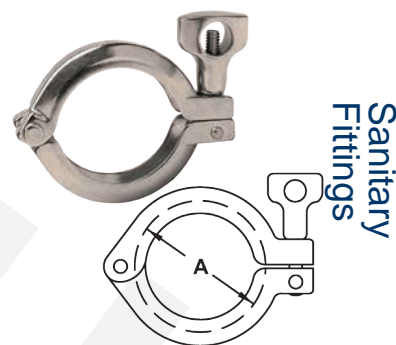


Pipe Size Clamps

Schedule 5S and 10S Single Pin Heavy Duty - 13MHHV

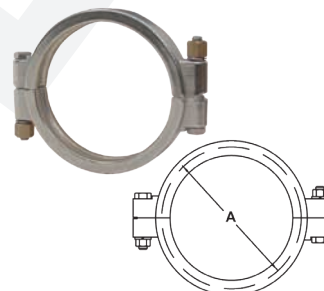
Pipe Size	Service Pressure PSI Rating @ 70°F (21°C) ¹	Dimension A	304 Stainless Steel Part #
1"	500	2.122"	13MHHV100
1½"	450	2.654"	13MHHV150
2"	400	3.185"	13MHHV200
2½"	350	3.717"	13MHHV250
3"	250	4.263"	13MHHV300
4"	150	5.263"	13MHHV400
6"	100	7.500"	13MHHV600



¹ wing nut tightened to 25 in. lbs. of torque

Bolted - 13MHPV400

Pipe Size	Service Pressure PSI Rating @ 70°F (21°C) ¹	Dimension A	304 Stainless Steel Part #
4"	400	5.187"	13MHPV400



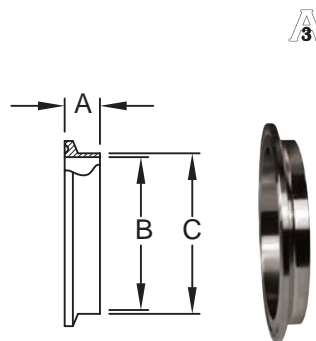
¹ nut tightened to 20 ft. lbs. of torque

• For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size Ferrules

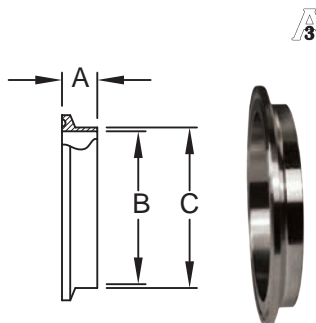
Schedule 5S Short Weld - 14WMV

Pipe Size	Dimensions			316L Stainless Steel Part #
	A	B	C	
1"	.500"	1.185"	1.315"	14WMV-R100
1½"	.500"	1.770"	1.900"	14WMV-R150
2"	.500"	2.245"	2.375"	14WMV-R200
2½"	.500"	2.709"	2.875"	14WMV-R250
3"	.500"	3.334"	3.500"	14WMV-R300
4"	.625"	4.334"	4.500"	14WMV-R400
6"	.875"	6.407"	6.625"	14WMV-R600



Schedule 10S Short Weld - 14WMX

Pipe Size	Dimensions			316L Stainless Steel Part #
	A	B	C	
1"	.500"	1.097"	1.315"	14WMX-R100
1½"	.500"	1.682"	1.900"	14WMX-R150
2"	.500"	2.157"	2.375"	14WMX-R200
2½"	.500"	2.635"	2.875"	14WMX-R250
3"	.500"	3.260"	3.500"	14WMX-R300
4"	.625"	4.260"	4.500"	14WMX-R400
6"	.875"	6.350"	6.625"	14WMX-R600



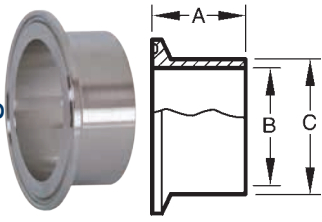
• For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size Ferrules

Sanitary Fittings



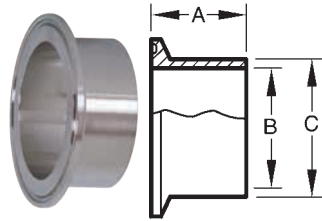
Schedule 5S Long Weld - L14AM7V



Pipe Size	Dimensions			316L Stainless Steel Part #
	A	B	C	
1"	1.125"	1.185"	1.315"	L14AM7V-R100
1½"	1.125"	1.770"	1.900"	L14AM7V-R150
2"	1.125"	2.245"	2.375"	L14AM7V-R200
2½"	1.125"	2.709"	2.875"	L14AM7V-R250
3"	1.125"	3.334"	3.500"	L14AM7V-R300
4"	1.125"	4.334"	4.500"	L14AM7V-R400



Schedule 10S Long Weld - L14AM7X



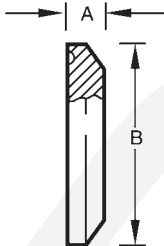
Pipe Size	Dimensions			316L Stainless Steel Part #
	A	B	C	
1"	1.125"	1.097"	1.315"	L14AM7X-R100
1½"	1.125"	1.682"	1.900"	L14AM7X-R150
2"	1.125"	2.157"	2.375"	L14AM7X-R200
2½"	1.125"	2.635"	2.875"	L14AM7X-R250
3"	1.125"	3.260"	3.500"	L14AM7X-R300
4"	1.125"	4.260"	4.500"	L14AM7X-R400

- For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size End Caps



Schedule 5S and 10S Solid - 16AMV



Pipe Size	Dimensions		304 Stainless Steel Part #	316L Stainless Steel Part #
	A	B		
1"	.250"	1.984"	16AMV-G100	16AMV-R100
1½"	.250"	2.516"	16AMV-G150	16AMV-R150
2"	.250"	3.047"	16AMV-G200	16AMV-R200
2½"	.250"	3.579"	16AMV-G250	16AMV-R250
3"	.312"	4.125"	16AMV-G300	16AMV-R300
4"	.312"	5.125"	16AMV-G400	16AMV-R400

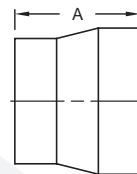
- Specify if you are using a piping system or a tubing system when ordering.
- For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size Adapters

Tube OD Weld x Schedule 5S Weld - B19WV



Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel Part #
1"	2.000"	.065"	.065"	B19WV-R100
1½"	2.500"	.065"	.065"	B19WV-R150
2"	2.500"	.065"	.065"	B19WV-R200
2½"	2.500"	.065"	.084"	B19WV-R250
3"	2.500"	.065"	.084"	B19WV-R300
4"	3.000"	.084"	.084"	B19WV-R400

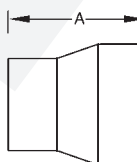


Sanitary Fittings

Tube OD Weld x Schedule 10S Weld - B19WX



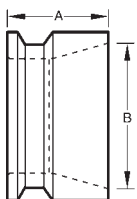
Pipe Size	Dimension A	Tube Wall Thickness	Pipe Wall Thickness	316L Stainless Steel Part #
1"	2.000"	.065"	.109"	B19WX-R100
1½"	2.500"	.065"	.109"	B19WX-R150
2"	2.500"	.065"	.109"	B19WX-R200
2½"	2.500"	.065"	.120"	B19WX-R250
3"	2.500"	.065"	.120"	B19WX-R300
4"	3.000"	.084"	.120"	B19WX-R400



Clamp x Schedule 10S Weld - B19MPX



Pipe Size	Dimensions			Pipe Wall Thickness	316L Stainless Steel Part #
	A	B	C		
1"	1.125"	1.097"	1.315"	.109"	B19MPX-R100
1½"	1.125"	1.682"	1.900"	.109"	B19MPX-R150
2"	1.125"	2.157"	2.375"	.109"	B19MPX-R200
2½"	1.125"	2.635"	2.875"	.120"	B19MPX-R250
3"	1.125"	3.260"	3.500"	.120"	B19MPX-R300
4"	1.125"	4.260"	4.500"	.120"	B19MPX-R400

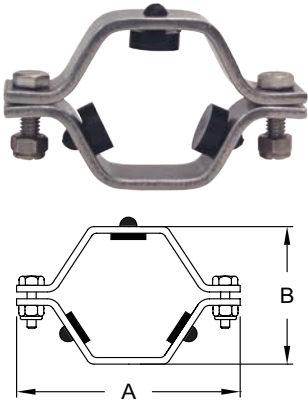


- For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Size Hangers

Hex with Rubber Grommets - B24RV¹

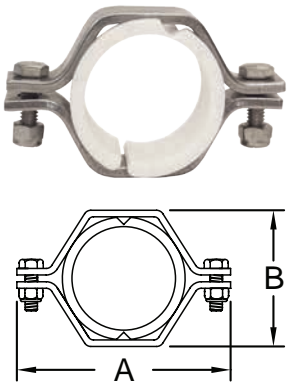
Sanitary Fittings



Pipe Size	Dimensions		304 Stainless Steel Part #
	A	B	
1"	3.7"	2.2"	B24RV-G100
1½"	4.4"	2.8"	B24RV-G150
2"	5.0"	3.3"	B24RV-G200
2½"	5.6"	3.7"	B24RV-G250
3"	6.1"	4.3"	B24RV-G300
4"	7.6"	5.0"	B24RV-G400
6"	9.8"	7.2"	B24RV-G600

¹ for coupler options call Dixon®

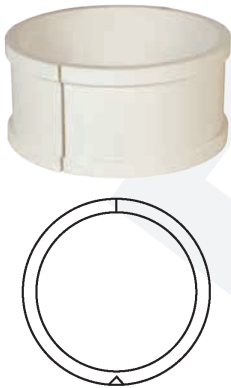
Hex with Polypropylene Sleeves - B24PV¹



Pipe Size	Dimensions		304 Stainless Steel Part #
	A	B	
1"	3.750"	2.125"	B24PV-G100
1½"	4.312"	2.625"	B24PV-G150
2"	5.000"	3.125"	B24PV-G200
2½"	5.625"	3.785"	B24PV-G250
3"	6.000"	4.250"	B24PV-G300
4"	7.500"	5.127"	B24PV-G400
6"	9.750"	7.375"	B24PV-G600

¹ for coupler options call Dixon®

Sleeves - 13PV



Size	Polypropylene Part #
1"	13PV-100
1½"	13PV-150
2"	13PV-200
2½"	13PV-250
3"	13PV-300
4"	13PV-400
6"	13PV-600

• For additional information on pipe dimensions please reference dixonvalve.com.

Schedule 5S and 10S Pipe Gaskets

Buna-N - 40MPV-U, Black**Features:**

- color code: red dot
- meets 21CFR 177.2600

Size	Buna-N Part #
1"	40MPV-U100
1½"	40MPV-U150
2"	40MPV-U200
2½"	40MPV-U250
3"	40MPV-U300
4"	40MPV-U400

Sanitary
Fittings**PTFE - 40MPV-G, White****Features:**

- color code: no dot
- meets 21CFR 177.1550
- passed USP Class VI Cytotoxicity testing
- not recommended for use with bolted clamps



Size	PTFE Part #
1"	40MPV-G100
1½"	40MPV-G150
2"	40MPV-G200
2½"	40MPV-G250
3"	40MPV-G300
4"	40MPV-G400

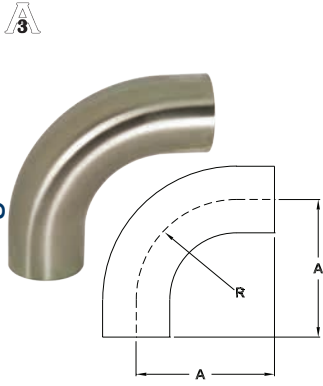


PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.



Polished Weld Elbows

Sanitary Fittings

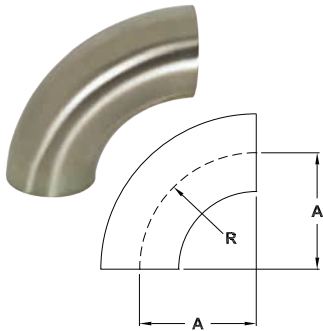


90° with Tangents - B2S

Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	R		304 Stainless Steel Part #	316L Stainless Steel Part #
½"	3.000"	1.125"	.065"	---	B2S-R50P
¾"	3.000"	1.125"	.065"	---	B2S-R75P
1"	2.062"	1.500"	.065"	B2S-G100P	B2S-R100P
1½"	2.937"	2.250"	.065"	B2S-G150P	B2S-R150P
2"	4.062"	3.000"	.065"	B2S-G200P	B2S-R200P
2½"	5.187"	3.750"	.065"	B2S-G250P	B2S-R250P
3"	6.312"	4.500"	.065"	B2S-G300P	B2S-R300P
4"	8.312"	6.000"	.083"	B2S-G400P	B2S-R400P



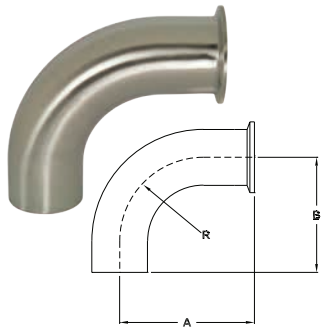
90° - B2WCL



Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	R		304 Stainless Steel Part #	316L Stainless Steel Part #
½"	1.125"	1.125"	.065"	---	B2WCL-R50P
¾"	1.125"	1.125"	.065"	---	B2WCL-R75P
1"	1.500"	1.500"	.065"	B2WCL-G100P	B2WCL-R100P
1½"	2.250"	2.250"	.065"	B2WCL-G150P	B2WCL-R150P
2"	3.000"	3.000"	.065"	B2WCL-G200P	B2WCL-R200P
2½"	3.750"	3.750"	.065"	B2WCL-G250P	B2WCL-R250P
3"	4.500"	4.500"	.065"	B2WCL-G300P	B2WCL-R300P
4"	6.000"	6.000"	.083"	B2WCL-G400P	B2WCL-R400P
6"	9.000"	9.000"	.109"	B2WCL-G600P	B2WCL-R600P
8"	12.000"	12.000"	.109"	B2WCL-G800P	B2WCL-R800P



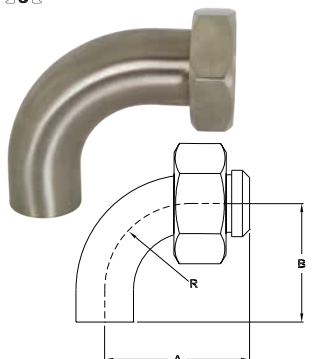
90° Clamp x Weld - B2CM



Tube OD	Dimensions			Wall Thickness	Polished ID/OD	Polished ID/OD
	A	B	R		304 Stainless Steel Part #	316L Stainless Steel Part #
1"	2.562"	2.062"	1.500"	.065"	B2CM-G100	B2CM-R100
1½"	3.438"	2.937"	2.250"	.065"	B2CM-G150	B2CM-R150
2"	4.562"	4.062"	3.000"	.065"	B2CM-G200	B2CM-R200
2½"	5.688"	5.187"	3.750"	.065"	B2CM-G250	B2CM-R250
3"	6.812"	6.312"	4.500"	.065"	B2CM-G300	B2CM-R300
4"	8.937"	8.312"	6.000"	.083"	B2CM-G400	B2CM-R400



90° Plain Bevel Seat with Hex Nut x Weld - B2FP



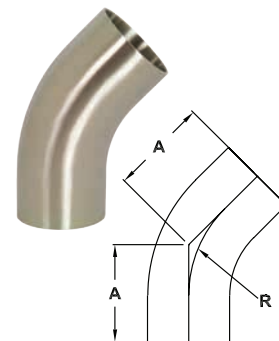
Tube OD	Dimensions			Wall Thickness	Polished ID/OD
	A	B	R		304 Stainless Steel Part #
1½"	3.656"	2.937"	2.250"	.065"	B2FP-G150
2"	4.812"	4.062"	3.000"	.065"	B2FP-G200
2½"	6.062"	5.187"	3.750"	.065"	B2FP-G250
3"	7.218"	6.312"	4.500"	.065"	B2FP-G300

Polished Weld Elbows

45° with Tangents - B2KS



Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	R		304 Stainless Steel Part #	316L Stainless Steel Part #
¾"	2.250"	1.125"	.065"	---	B2KS-R75P
1"	1.188"	1.500"	.065"	B2KS-G100P	B2KS-R100P
1½"	1.625"	2.250"	.065"	B2KS-G150P	B2KS-R150P
2"	2.312"	3.000"	.065"	B2KS-G200P	B2KS-R200P
2½"	3.000"	3.750"	.065"	B2KS-G250P	B2KS-R250P
3"	3.688"	4.500"	.065"	B2KS-G300P	B2KS-R300P
4"	4.812"	6.000"	.083"	B2KS-G400P	B2KS-R400P

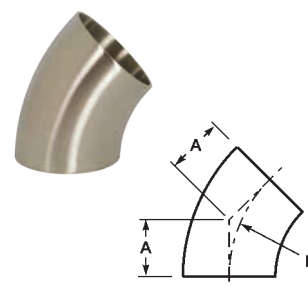


Sanitary Fittings

45° - B2WK



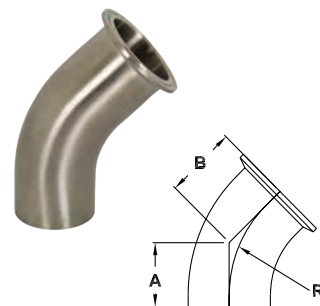
Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	R		304 Stainless Steel Part #	316L Stainless Steel Part #
1"	.62"	1.500"	.065"	B2WK-G100P	B2WK-R100P
1½"	.94"	2.250"	.065"	B2WK-G150P	B2WK-R150P
2"	1.25"	3.000"	.065"	B2WK-G200P	B2WK-R200P
2½"	1.56"	3.750"	.065"	B2WK-G250P	B2WK-R250P
3"	1.87"	4.500"	.065"	B2WK-G300P	B2WK-R300P
4"	2.50"	6.000"	.083"	B2WK-G400P	B2WK-R400P
6"	3.73"	9.000"	.109"	B2WK-G600P	B2WK-R600P
8"	4.97"	12.000"	.109"	---	B2WK-R800P



45° Clamp x Weld - B2KM



Tube OD	Dimensions			Wall Thickness	Polished ID/OD	Polished ID/OD
	A	B	R		304 Stainless Steel Part #	316L Stainless Steel Part #
1"	1.188"	1.688"	1.500"	.065"	B2KM-G100	B2KM-R100
1½"	1.625"	2.125"	2.250"	.065"	B2KM-G150	B2KM-R150
2"	2.312"	2.812"	3.000"	.065"	B2KM-G200	B2KM-R200
2½"	3.000"	3.500"	3.750"	.065"	B2KM-G250	B2KM-R250
3"	3.688"	4.188"	4.500"	.065"	B2KM-G300	B2KM-R300
4"	4.812"	5.437"	6.000"	.083"	B2KM-G400	B2KM-R400

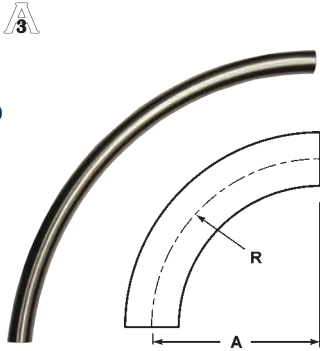


Polished Weld Sweep Elbows

Feature:

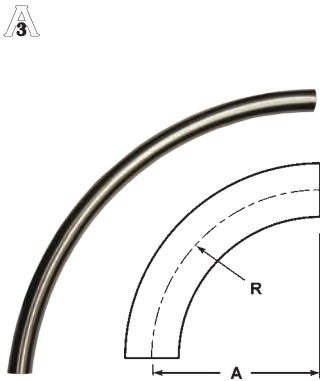
- tangents, 45° and other radii elbows are available, call Dixon® for information

Sanitary Fittings



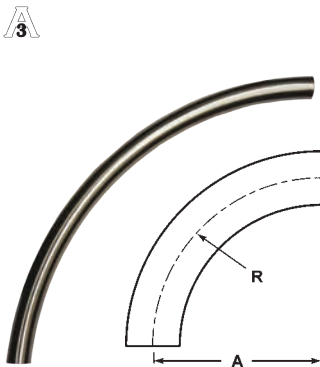
12" 90° - B2SXL

Tube OD	Dimensions		316L Stainless Steel Part #
	A	R	
1½"	12.00"	12.00"	B2SXL12-R150
2"	12.00"	12.00"	B2SXL12-R200
3"	12.00"	12.00"	B2SXL12-R300
4"	12.00"	12.00"	B2SXL12-R400



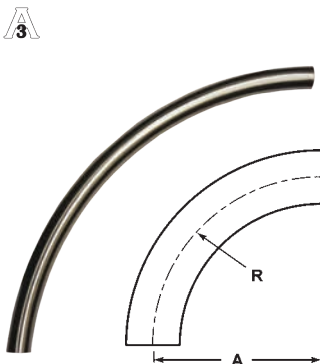
18" 90° - B2SXL

Tube OD	Dimensions		316L Stainless Steel Part #
	A	R	
1½"	18.00"	18.00"	B2SXL18-R150
2"	18.00"	18.00"	B2SXL18-R200
2½"	18.00"	18.00"	B2SXL18-R250
3"	18.00"	18.00"	B2SXL18-R300



24" 90° - B2SXL

Tube OD	Dimensions		316L Stainless Steel Part #
	A	R	
1½"	24.00"	24.00"	B2SXL24-R150
2"	24.00"	24.00"	B2SXL24-R200
2½"	24.00"	24.00"	B2SXL24-R250
3"	24.00"	24.00"	B2SXL24-R300



36" 90° - B2SXL

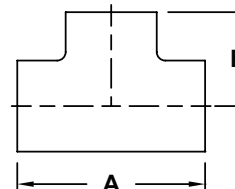
Tube OD	Dimensions		316L Stainless Steel Part #
	A	R	
3"	36.00"	36.00"	B2SXL36-R300
4"	36.00"	36.00"	B2SXL36-R400

Polished Weld Tees

Short - B7WWW



Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	B		304 Stainless Steel Part #	316L Stainless Steel Part #
1"	2.250"	1.125"	.065"	B7WWW-G100P	B7WWW-R100P
1½"	3.312"	1.656"	.065"	B7WWW-G150P	B7WWW-R150P
2"	4.124"	2.062"	.065"	B7WWW-G200P	B7WWW-R200P
2½"	4.688"	2.344"	.065"	B7WWW-G250P	B7WWW-R250P
3"	5.188"	2.594"	.065"	B7WWW-G300P	B7WWW-R300P
4"	6.876"	3.438"	.083"	B7WWW-G400P	B7WWW-R400P

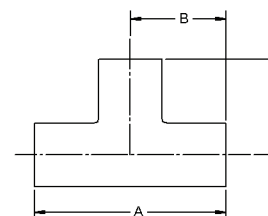


Sanitary Fittings

Long - B7W



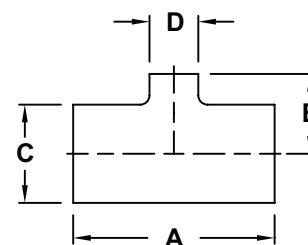
Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	B		304 Stainless Steel Part #	316L Stainless Steel Part #
¾"	4.000"	2.000"	.065"	---	B7W-R75P
1"	3.750"	1.875"	.065"	B7W-G100P	B7W-R100P
1½"	4.500"	2.250"	.065"	B7W-G150P	B7W-R150P
2"	6.000"	3.000"	.065"	B7W-G200P	B7W-R200P
2½"	6.000"	3.000"	.065"	B7W-G250P	B7W-R250P
3"	6.500"	3.250"	.065"	B7W-G300P	B7W-R300P
4"	7.750"	3.875"	.083"	B7W-G400P	B7W-R400P



Reducing - B7RWWW



Tube OD	Dimensions				Wall Thick.	Polished ID/OD	Polished ID/OD
	A	B	C	D		304 Stainless Steel Part #	316L Stainless Steel Part #
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100P	B7RWWW-R150100P
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100P	B7RWWW-R200100P
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150P	B7RWWW-R200150P
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150P	B7RWWW-R250150P
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200P	B7RWWW-R250200P
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150P	B7RWWW-R300150P
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200P	B7RWWW-R300200P
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200P	B7RWWW-R400200P
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300P	B7RWWW-R400300P

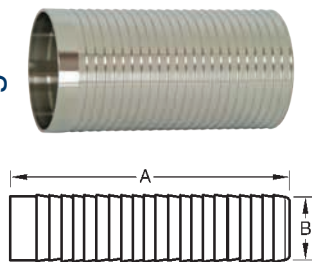


Weld Adapters
Long Hose - 14WHRL


Feature:

- suitable for use with band clamps

Sanitary Fittings



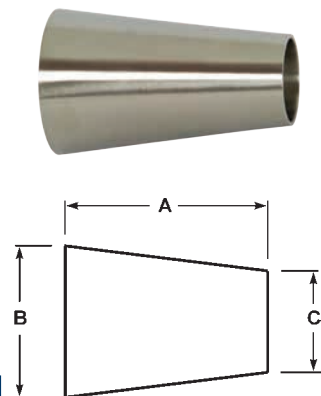
Tube OD	Dimensions		Wall Thickness	316L Stainless Steel Part #
	A	B		
1"	3.000"	1.030"	.116"	14WHRL-R100
1½"	4.500"	1.530"	.116"	14WHRL-R150
2"	4.500"	2.030"	.116"	14WHRL-R200
2½"	5.000"	2.530"	.116"	14WHRL-R250
3"	5.000"	3.030"	.116"	14WHRL-R300
4"	4.875"	4.030"	.116"	14WHRL-R400

Use of PVC tubing requires special installation techniques to prevent leakage. All assembly work must be done with heated tube. Cold durometer is 90 as opposed to rubber hose at 65 to 70 durometer. Banding buckles must be at 180° from one another. 

3

Polished Weld Reducers

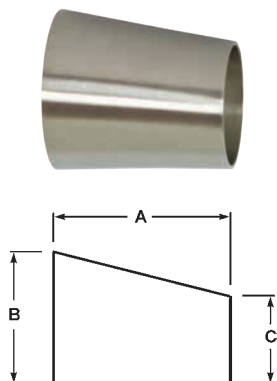
Concentric - B31W



Tube OD	Dimensions			Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
	A	B	C			
¾" x ½"	1.000"	.750"	.500"	.065"	---	B31W-R7550P
1" x ½"	2.000"	1.000"	.500"	.065"	---	B31W-R10050P
1" x ¾"	1.000"	1.000"	.750"	.065"	---	B31W-R10075P
1½" x ¾"	3.000"	1.500"	.750"	.065"	---	B31W-R15075P
1½" x 1"	2.000"	1.500"	1.000"	.065"	B31W-G150100P	B31W-R150100P
2" x 1"	4.000"	2.000"	1.000"	.065"	B31W-G200100P	B31W-R200100P
2" x 1½"	2.000"	2.000"	1.500"	.065"	B31W-G200150P	B31W-R200150P
2½" x 1½"	4.000"	2.500"	1.500"	.065"	B31W-G250150P	B31W-R250150P
2½" x 2"	2.000"	2.500"	2.000"	.065"	B31W-G250200P	B31W-R250200P
3" x 1½"	6.000"	3.000"	1.500"	.065"	B31W-G300150P	B31W-R300150P
3" x 2"	4.000"	3.000"	2.000"	.065"	B31W-G300200P	B31W-R300200P
3" x 2½"	2.000"	3.000"	2.500"	.065"	B31W-G300250P	B31W-R300250P
4" x 2"	8.000"	4.000"	2.000"	.083"	B31W-G400200P	B31W-R400200P
4" x 2½"	6.000"	4.000"	2.500"	.083"	B31W-G400250P	B31W-R400250P
4" x 3"	4.000"	4.000"	3.000"	.083"	B31W-G400300P	B31W-R400300P
6" x 3"	5.500"	6.000"	3.000"	.109"	B31W-G600300P	B31W-R600300P
6" x 4"	5.500"	6.000"	4.000"	.109"	B31W-G600400P	B31W-R600400P

3

Eccentric - B32W

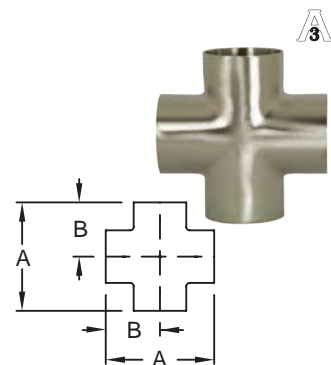


Tube OD	Dimensions			Wall Thickness	Polished ID/OD 304 Stainless Steel Part #	Polished ID/OD 316L Stainless Steel Part #
	A	B	C			
1" x ½"	2.000"	1.000"	.500"	.065"	---	B32W-R10050P
2" x 1"	4.000"	2.000"	1.000"	.065"	B32W-G200100P	B32W-R200100P
2" x 1½"	2.000"	2.000"	1.500"	.065"	B32W-G200150P	B32W-R200150P
2½" x 2"	2.000"	2.500"	2.000"	.065"	B32W-G250200P	B32W-R250200P
3" x 2"	4.000"	3.000"	2.000"	.065"	B32W-G300200P	B32W-R300200P
3" x 2½"	2.000"	3.000"	2.500"	.065"	B32W-G300250P	B32W-R300250P
4" x 2"	8.000"	4.000"	2.000"	.083"	B32W-G400200P	B32W-R400200P
4" x 3"	4.000"	4.000"	3.000"	.083"	B32W-G400300P	B32W-R400300P

Polished Weld Crosses

Crosses - B9WWWW

Tube OD	Dimensions		Wall Thickness	Polished ID/OD	Polished ID/OD
	A	B		304 Stainless Steel Part #	316L Stainless Steel Part #
1½"	3.312"	1.656"	.065"	B9WWWW-G150P	B9WWWW-R150P
2"	4.125"	2.062"	.065"	B9WWWW-G200P	B9WWWW-R200P
3"	5.187"	2.593"	.065"	B9WWWW-G300P	B9WWWW-R300P
4"	6.875"	3.437"	.083"	B9WWWW-G400P	B9WWWW-R400P

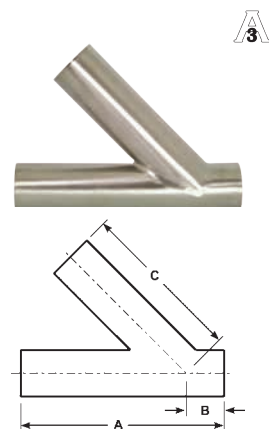


Sanitary Fittings

Miscellaneous Polished Weld Configurations

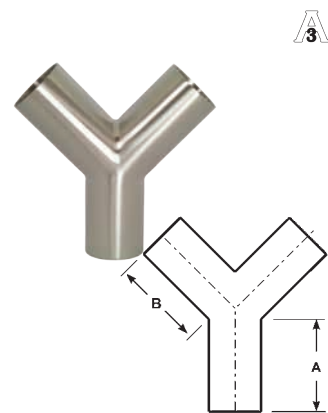
Laterals - B28WA

Tube OD	Dimensions			Wall Thickness	Polished ID/OD
	A	B	R		316L Stainless Steel Part #
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100P
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150P
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200P
2½"	10.000"	1.500"	8.500"	.065"	B28WA-R250P
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300P
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400P



True Wyes - B28W

Tube OD	Dimensions		Wall Thickness	Polished ID/OD
	A	B		316L Stainless Steel Part #
1"	2.000"	2.438"	.065"	B28W-R100P
1½"	2.000"	2.438"	.065"	B28W-R150P
2"	2.625"	3.250"	.065"	B28W-R200P
2½"	3.370"	4.125"	.065"	B28W-R250P
3"	4.000"	4.875"	.065"	B28W-R300P
4"	5.375"	5.375"	.083"	B28W-R400P

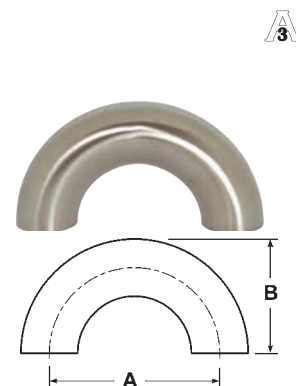


180° Return Bends - B2WUL

Feature:

- bends are standard 1.5 x tube diameter

Tube OD	Dimensions		Polished ID/OD
	A	B	316L Stainless Steel Part #
1"	3.000"	2.000"	B2WUL-R100P
1½"	4.500"	3.000"	B2WUL-R150P
2"	6.000"	4.000"	B2WUL-R200P
2½"	7.500"	5.000"	B2WUL-R250P
3"	9.000"	6.000"	B2WUL-R300P
4"	12.000"	8.000"	B2WUL-R400P



Weld End Blue Protection Covers - BCW

Feature:

- Use these covers to protect all weld ends on fittings and valves.

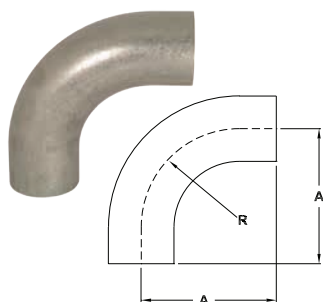
Sanitary Fittings



Size	Vinyl Plastic Part #
1/2"	BCW-050
3/4"	BCW-075
1"	BCW-100
1 1/2"	BCW-150
2"	BCW-200
2 1/2"	BCW-250
3"	BCW-300
4"	BCW-400
6"	BCW-600
8"	BCW-800

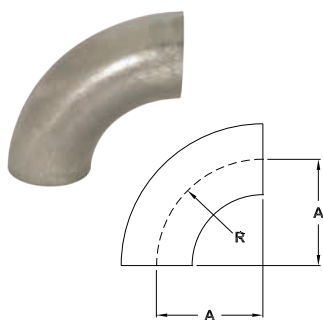
Unpolished Elbows

90° Weld with Tangents - B2S



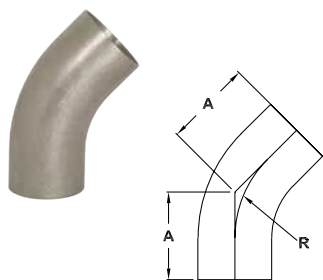
Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
	A	R			
3/4"	3.000"	1.125"	.065"	---	B2S-R75U
1"	2.062"	1.500"	.065"	B2S-G100U	B2S-R100U
1 1/2"	2.937"	2.250"	.065"	B2S-G150U	B2S-R150U
2"	4.062"	3.000"	.065"	B2S-G200U	B2S-R200U
2 1/2"	5.187"	3.750"	.065"	B2S-G250U	B2S-R250U
3"	6.312"	4.500"	.065"	B2S-G300U	B2S-R300U
4"	8.312"	6.000"	.083"	B2S-G400U	B2S-R400U

90° Weld - B2WCL



Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
	A	R			
1/2"	1.125"	1.125"	.065"	---	B2WCL-R50U
3/4"	1.125"	1.125"	.065"	---	B2WCL-R75U
1"	1.500"	1.500"	.065"	B2WCL-G100U	B2WCL-R100U
1 1/2"	2.250"	2.250"	.065"	B2WCL-G150U	B2WCL-R150U
2"	3.000"	3.000"	.065"	B2WCL-G200U	B2WCL-R200U
2 1/2"	3.750"	3.750"	.065"	B2WCL-G250U	B2WCL-R250U
3"	4.500"	4.500"	.065"	B2WCL-G300U	B2WCL-R300U
4"	6.000"	6.000"	.083"	B2WCL-G400U	B2WCL-R400U
6"	9.000"	9.000"	.109"	B2WCL-G600U	B2WCL-R600U
8"	12.000"	12.000"	.109"	B2WCL-G800U	B2WCL-R800U

45° Long Weld with Tangents - B2KS



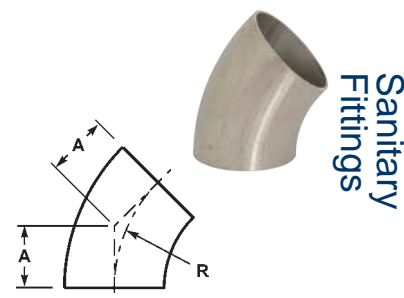
Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
	A	R			
3/4"	2.250"	1.125"	.065"	---	B2KS-R75U
1"	1.188"	1.500"	.065"	B2KS-G100U	B2KS-R100U
1 1/2"	1.625"	2.250"	.065"	B2KS-G150U	B2KS-R150U
2"	2.312"	3.000"	.065"	B2KS-G200U	B2KS-R200U
2 1/2"	3.000"	3.750"	.065"	B2KS-G250U	B2KS-R250U
3"	3.688"	4.500"	.065"	B2KS-G300U	B2KS-R300U
4"	4.812"	6.000"	.083"	B2KS-G400U	B2KS-R400U



Unpolished Elbows

45° Weld - B2WK

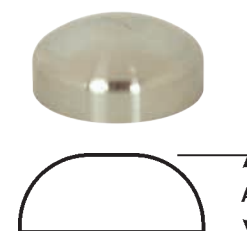
Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
	A	R		Part #	Part #
¾"	.466"	1.125"	.065"	---	B2WK-R75U
1"	.625"	1.500"	.065"	B2WK-G100U	B2WK-R100U
1½"	.937"	2.250"	.065"	B2WK-G150U	B2WK-R150U
2"	1.250"	3.000"	.065"	B2WK-G200U	B2WK-R200U
2½"	1.562"	3.750"	.065"	B2WK-G250U	B2WK-R250U
3"	1.875"	4.500"	.065"	B2WK-G300U	B2WK-R300U
4"	2.500"	6.000"	.083"	B2WK-G400U	B2WK-R400U
6"	3.750"	9.000"	.109"	B2WK-G600U	B2WK-R600U
8"	5.000"	12.000"	.109"	B2WK-G800U	B2WK-R800U



Sanitary Fittings

Unpolished End Caps - B16W

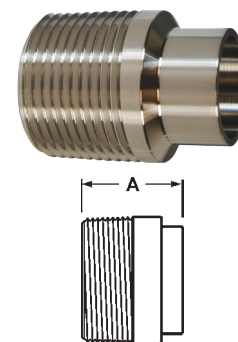
Tube OD	Dimension A	Unpolished 304 Stainless Steel Part #
1"	.375"	B16W-G100
1½"	.562"	B16W-G150
2"	.750"	B16W-G200
2½"	1.000"	B16W-G250
3"	1.250"	B16W-G300
4"	1.500"	B16W-G400



Unpolished Adapters

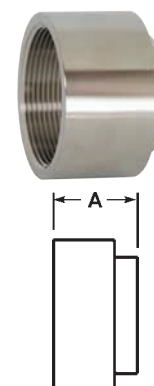
Male NPT x Weld End - B19WB

Tube OD	Dimension A	Wall Thickness	304 Stainless Steel Part #
1"	1.750"	.065"	B19WB-G100
1½"	1.750"	.065"	B19WB-G150
2"	1.812"	.065"	B19WB-G200
2½"	2.312"	.065"	B19WB-G250
3"	2.500"	.065"	B19WB-G300
4"	2.562"	.083"	B19WB-G400



Female NPT x Weld End - B22WB

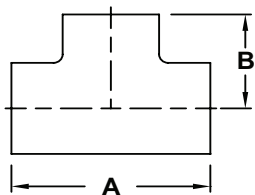
Tube OD	Dimension A	Wall Thickness	304 Stainless Steel Part #
1"	1.750"	.065"	B22WB-G100
1½"	1.750"	.065"	B22WB-G150
2"	1.812"	.065"	B22WB-G200
2½"	2.312"	.065"	B22WB-G250
3"	2.500"	.065"	B22WB-G300
4"	2.500"	.083"	B22WB-G400



Unpolished Tees

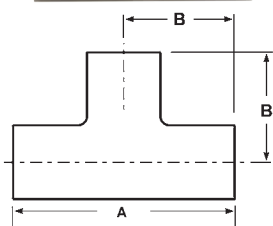
Short Weld - B7WWW

Sanitary Fittings



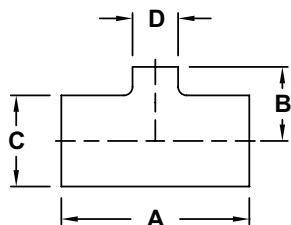
Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
	A	B		Part #	Part #
1"	2.250"	1.125"	.065"	B7WWW-G100U	B7WWW-R100U
1½"	3.312"	1.656"	.065"	B7WWW-G150U	B7WWW-R150U
2"	4.124"	2.062"	.065"	B7WWW-G200U	B7WWW-R200U
2½"	4.688"	2.344"	.065"	B7WWW-G250U	B7WWW-R250U
3"	5.188"	2.594"	.065"	B7WWW-G300U	B7WWW-R300U
4"	6.876"	3.438"	.083"	B7WWW-G400U	B7WWW-R400U

Long Weld - B7W



Tube OD	Dimensions		Wall Thickness	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
	A	B		Part #	Part #
¾"	4.000"	2.000"	.065"	---	B7W-R75U
1"	3.750"	1.875"	.065"	B7W-G100U	B7W-R100U
1½"	4.500"	2.250"	.065"	B7W-G150U	B7W-R150U
2"	6.000"	3.000"	.065"	B7W-G200U	B7W-R200U
2½"	6.000"	3.000"	.065"	B7W-G250U	B7W-R250U
3"	6.500"	3.250"	.065"	B7W-G300U	B7W-R300U
4"	7.750"	3.875"	.083"	B7W-G400U	B7W-R400U

Reducing Weld - B7RWWW

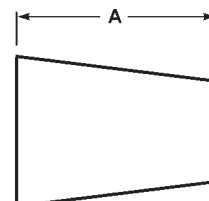


Tube OD	Dimensions				Wall Thickness	Unpolished 304 Stainless Steel	Unpolished 316L Stainless Steel
	A	B	C	D		Part #	Part #
1½" x 1"	3.312"	1.375"	1.500"	1.000"	.065"	B7RWWW-G150100U	B7RWWW-R150100U
2" x 1"	4.124"	1.625"	2.000"	1.000"	.065"	B7RWWW-G200100U	B7RWWW-R200100U
2" x 1½"	4.124"	1.906"	2.000"	1.500"	.065"	B7RWWW-G200150U	B7RWWW-R200150U
2½" x 1½"	4.688"	2.156"	2.500"	1.500"	.065"	B7RWWW-G250150U	B7RWWW-R250150U
2½" x 2"	4.688"	2.312"	2.500"	2.000"	.065"	B7RWWW-G250200U	B7RWWW-R250200U
3" x 1½"	5.188"	2.406"	3.000"	1.500"	.065"	B7RWWW-G300150U	B7RWWW-R300150U
3" x 2"	5.188"	2.562"	3.000"	2.000"	.065"	B7RWWW-G300200U	B7RWWW-R300200U
4" x 2"	6.876"	3.062"	4.000"	2.000"	.083"	B7RWWW-G400200U	B7RWWW-R400200U
4" x 3"	6.876"	3.094"	4.000"	3.000"	.083"	B7RWWW-G400300U	B7RWWW-R400300U

Unpolished Weld Reducers

Concentric - B31W

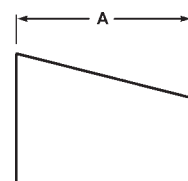
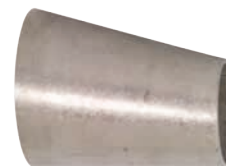
Tube OD	Dimension A	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
¾" x ½"	1.000"	.065"	---	B31W-R7550U
1" x ½"	2.000"	.065"	---	B31W-R10050U
1" x ¾"	1.000"	.065"	---	B31W-R10075U
1½" x ¾"	3.000"	.065"	---	B31W-R15075U
1½" x 1"	2.000"	.065"	B31W-G150100U	B31W-R150100U
2" x 1"	4.000"	.065"	B31W-G200100U	B31W-R200100U
2" x 1½"	2.000"	.065"	B31W-G200150U	B31W-R200150U
2½" x 1½"	4.000"	.065"	B31W-G250150U	B31W-R250150U
2½" x 2"	2.000"	.065"	B31W-G250200U	B31W-R250200U
3" x 1½"	6.000"	.065"	B31W-G300150U	B31W-R300150U
3" x 2"	4.000"	.065"	B31W-G300200U	B31W-R300200U
3" x 2½"	2.000"	.065"	B31W-G300250U	B31W-R300250U
4" x 2"	8.000"	.083"	B31W-G400200U	B31W-R400200U
4" x 2½"	6.000"	.083"	B31W-G400250U	B31W-R400250U
4" x 3"	4.000"	.083"	B31W-G400300U	B31W-R400300U
6" x 4"	5.500"	.109"	B31W-G600400U	B31W-R600400U



Sanitary Fittings

Eccentric - B32W

Tube OD	Dimension A	Wall Thickness	Unpolished 304 Stainless Steel Part #	Unpolished 316L Stainless Steel Part #
1" x ½"	2.000"	.065"	---	B32W-R10050U
2" x 1"	4.000"	.065"	B32W-G200100U	B32W-R200100U
2" x 1½"	2.000"	.065"	B32W-G200150U	B32W-R200150U
2½" x 2"	2.000"	.065"	B32W-G250200U	B32W-R250200U
3" x 2"	4.000"	.065"	B32W-G300200U	B32W-R300200U
3" x 2½"	2.000"	.065"	B32W-G300250U	B32W-R300250U
4" x 2"	8.000"	.083"	B32W-G400200U	B32W-R400200U
4" x 3"	4.000"	.083"	B32W-G400300U	B32W-R400300U

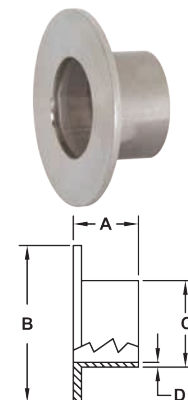


Unpolished Type A Stub Ends - 14VB

Application:

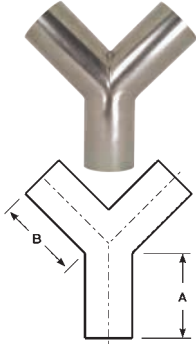
- typically used with B38SL flanges

Tube OD	Dimensions				316L Stainless Steel Part #
	A	B	C	D	
1"	1.625"	2.000"	1.000"	.065"	14VB-R100
1½"	1.750"	2.875"	1.500"	.065"	14VB-R150
2"	1.500"	3.625"	2.000"	.065"	14VB-R200
2½"	2.000"	4.125"	2.500"	.065"	14VB-R250
3"	2.250"	5.000"	3.000"	.065"	14VB-R300
4"	2.625"	6.187"	4.000"	.083"	14VB-R400
6"	3.000"	8.500"	6.000"	.109"	14VB-R600
8"	3.000"	10.625"	8.000"	.109"	14VB-R800



Unpolished Miscellaneous Configurations

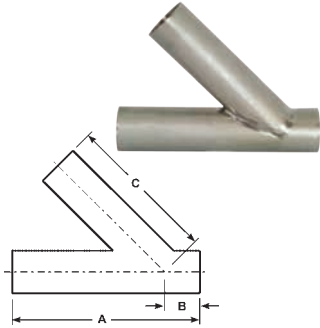
Sanitary Fittings



Weld True Wyes - B28W

Tube OD	Dimensions		Wall Thickness	Unpolished 316L Stainless Steel Part #
	A	B		
1"	2.000"	2.438"	.065"	B28W-R100U
1½"	2.000"	2.438"	.065"	B28W-R150U
2"	2.625"	3.250"	.065"	B28W-R200U
2½"	3.370"	4.125"	.065"	B28W-R250U
3"	4.000"	4.875"	.065"	B28W-R300U
4"	5.375"	5.375"	.083"	B28W-R400U

Weld Laterals - B28WA

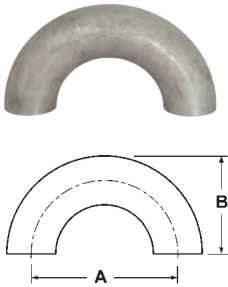


Tube OD	Dimensions			Wall Thickness	Unpolished 316L Stainless Steel Part #
	A	B	R		
1"	6.000"	1.000"	5.000"	.065"	B28WA-R100U
1½"	7.375"	1.188"	6.188"	.065"	B28WA-R150U
2"	8.750"	1.625"	7.125"	.065"	B28WA-R200U
2½"	10.000"	1.500"	8.500"	.065"	B28WA-R250U
3"	10.750"	1.875"	8.875"	.065"	B28WA-R300U
4"	12.812"	2.015"	10.750"	.083"	B28WA-R400U

Weld 180° Return Bends - B2WUL

Feature:

- bends are standard 1.5 x tube diameter



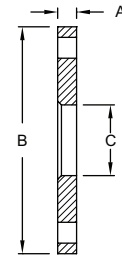
Tube OD	Dimensions		Wall Thickness	Unpolished 316L Stainless Steel Part #
	A	B		
1"	3.000"	2.000"	.065"	B2WUL-R100U
1½"	4.500"	3.000"	.065"	B2WUL-R150U
2"	6.000"	4.000"	.065"	B2WUL-R200U
3"	9.000"	6.000"	.065"	B2WUL-R300U
4"	12.000"	8.000"	.083"	B2WUL-R400U

See page 610 for weld end protection covers.

Unpolished - Flanges

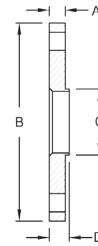
Slip-On 150# - B38SL

Tube OD	Dimensions			Number / Diameter Bolt Holes	Bolt Circle	304 Stainless Steel	316L Stainless Steel
	A	B	C			Part #	Part #
1"	.375"	4.250"	1.063"	4/.625"	3.125"	B38SL-G100	B38SL-R100
1½"	.375"	5.000"	1.563"	4/.625"	3.875"	B38SL-G150	B38SL-R150
2"	.437"	6.000"	2.063"	4/.750"	4.750"	B38SL-G200	B38SL-R200
3"	.500"	7.500"	3.063"	4/.750"	6.000"	B38SL-G300	B38SL-R300
4"	.562"	9.000"	4.063"	8/.750"	7.500"	B38SL-G400	B38SL-R400
6"	.562"	11.000"	6.063"	8/.875"	9.500"	B38SL-G600	B38SL-R600
8"	.562"	13.500"	8.063"	8/.875"	11.750"	B38SL-G800	B38SL-R800

Sanitary
Fittings

Weld Neck - B38W

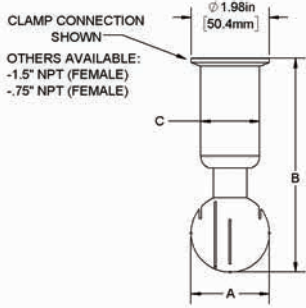
Tube OD	Dimensions				Number / Diameter Bolt Holes	Bolt Circle	316L Stainless Steel
	A	B	C	D			Part #
1"	.375"	4.250"	1.000"	.500"	4/.625"	3.125"	B38W-R100
1½"	.375"	5.000"	1.500"	.500"	4/.625"	3.875"	B38W-R150
2"	.500"	6.000"	2.000"	.625"	4/.750"	4.750"	B38W-R200
2½"	.500"	7.000"	2.500"	.625"	4/.750"	5.500"	B38W-R250
3"	.500"	7.500"	3.000"	.625"	4/.750"	6.000"	B38W-R300
4"	.500"	9.000"	4.000"	.625"	8/.750"	7.500"	B38W-R400
6"	.500"	11.000"	6.000"	.625"	8/.875"	9.500"	B38W-R600
8"	.500"	13.500"	8.000"	.625"	8/.875"	11.750"	B38W-R800



- For flange dimensions, diagrams and additional information please reference dixonvalve.com.

Spray Balls

Rotating - SRH



Application:

- ideal for cleaning all types of tanks and vessels

Features:

- stainless steel ball bearings eliminate rust
- cleaning solution lubricates unit
- mirror-like finish (OD)
- spray pattern: 360°
- available connections: clamp and NPT

Size	Type	304 Stainless Steel Part #	316L Stainless Steel Part #
3/4"	NPT	SRH360NPT-G075	---
1 1/2"	NPT	---	SRH360NPT-R150
1 1/2"	clamp	SRH360CMP-G150	SRH360CMP-R150

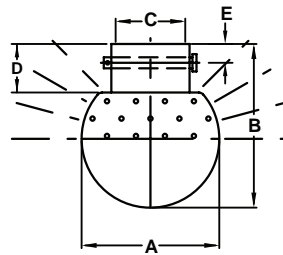
Stationary - STC

Application:

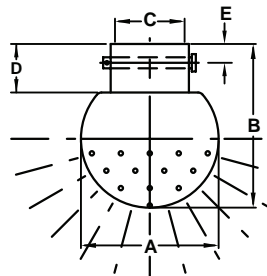
- typically used in food and beverage industries for cleaning storage tanks

Features:

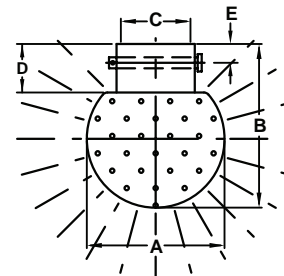
- heavy duty 316L stainless steel construction provides longer life
- stationary - designed to be mounted to a tube or pipe
- 2 mm spray holes
- various spray patterns available (blanks available as special order)



180° Top Pattern



180° Bottom Pattern



360° Pattern

Size	Pin Length	Spray Pattern	Dimensions					Pin Size	316L Stainless Steel Part #
			A	B	C	D	E		
1"	1.47"	360°	2.50"	3.04"	1.005"	.975"	.445"	.226"	STC-360-R100
1 1/2"	1.95"	360°	2.95"	3.55"	1.505"	1.050"	.445"	.226"	STC-360-R150
1"	1.47"	180° bottom	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180B-R100
1 1/2"	1.95"	180° bottom	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180B-R150
1"	1.47"	180° top	3.54"	2.95"	1.005"	.975"	.445"	.226"	STC-180T-R100
1 1/2"	1.95"	180° top	3.54"	2.95"	1.505"	.975"	.445"	.226"	STC-180T-R150

Repair Kits

Repair kit contains:

- (1) pin
- (1) R clip

Size	Part #
1"	STC-RK100
1 1/2"	STC-RK150



Sight Glasses

Features:

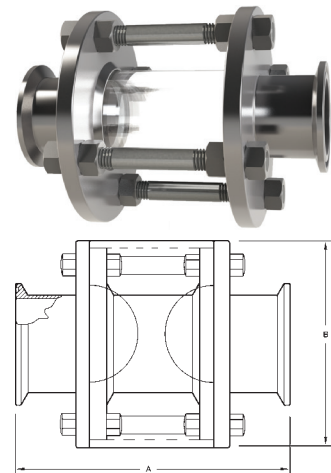
- 1" - 6" OD tube
- body: 316L stainless steel
- sight glass: Borosilicate glass or polycarbonate
- gaskets: white Buna or FKM
- 32R_a sanitary finish, ID and OD

In-line - B54BMP

Features:

- various end configurations are available: clamp, weld, bevel seat, John Perry, I-Line and Q-Line
- maximum temperature: **200°F (93°C)**

Tube OD	A	B	Working Pressure (PSI)	316L Stainless Steel Borosilicate Glass Part Number	316 Stainless Steel Polycarbonate Part Number
1"	5.625"	3.250"	145	B54BMP-R100	B54BMP-R100LX
1½"	5.625"	4.000"	145	B54BMP-R150	B54BMP-R150LX
2"	5.625"	4.250"	145	B54BMP-R200	B54BMP-R200LX
2½"	6.125"	4.750"	120	B54BMP-R250	B54BMP-R250LX
3"	7.250"	5.500"	120	B54BMP-R300	B54BMP-R300LX
4"	7.375"	6.500"	95	B54BMP-R400	B54BMP-R400LX
6"	7.625"	9.500"	80	B54BMP-R600	B54BMP-R600LX



Sanitary Fittings

Kits and Replacement Parts

Size	Buna Seal Kit Part Number	FKM Seal Kit Part Number	Borosilicate Glass Replacement Part Number	Polycarbonate Replacement Part Number
1"	B54BMP-SK100	B54BMP-VK100	B54G-P100	B54BMP-LX100
1½"	B54BMP-SK150	B54BMP-VK150	B54G-P150	B54BMP-LX150
2"	B54BMP-SK200	B54BMP-VK200	B54G-P200	B54BMP-LX200
2½"	B54BMP-SK250	B54BMP-VK250	B54G-P250	B54BMP-LX250
3"	B54BMP-SK300	B54BMP-VK300	B54G-P300	B54BMP-LX300
4"	B54BMP-SK400	B54BMP-VK400	B54G-P400	B54BMP-LX400
6"	B54BMP-SK600	B54BMP-VK600	B54G-P600	B54BMP-LX600

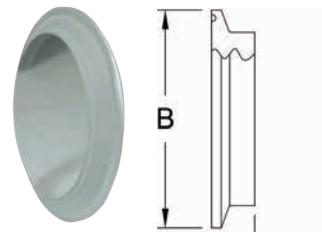
Seal kit contains: (2) white Buna gaskets

End Caps - B5416MP

Feature:

- for use on any line with a clamp and gasket
- maximum temperature: **150°F (66°C)**
- maximum operating pressure: **100 PSI**

Tube OD	A	B	Acrylic Plastic Part Number
1" - 1½"	.438"	1.984"	B5416MP-A100150
2"	.438"	2.516"	B5416MP-A200
2½"	.438"	3.047"	B5416MP-A250
3"	.438"	3.579"	B5416MP-A300
4"	.438"	4.682"	B5416MP-A400
6"	.438"	6.562"	B5416MP-A600



Compact Sight Glasses

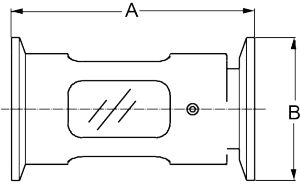
Applications:

- Used widely in the food, dairy and beverage sanitary processes to view products and fluids.

Features:

- design perfect for hoses
- easier to clean than bolted styles
- less cost to repair than bolted styles
- clamp connections standard

Sanitary Fittings



Tube OD	Dimensions		316 Stainless Steel Polycarbonate Part #	316 Stainless Steel Borosilicate Glass Part #
	A	B		
1"	3.375"	1.985"	B54BMPLX-R100	B54BMPS-R100
1½"	3.640"	1.985"	B54BMPLX-R150	B54BMPS-R150
2"	3.830"	2.516"	B54BMPLX-R200	B54BMPS-R200
3"	4.130"	3.579"	B54BMPLX-R300	B54BMPS-R300
4"	4.340"	4.682"	B54BMPLX-R400	B54BMPS-R400

Seal Kits



Size	Buna Seal Kit Part Number	FKM Seal Kit Part Number
1"	B54BMP-SK100	B54BMP-VK100
1½"	B54BMP-SK150	B54BMP-VK150
2"	B54BMP-SK200	B54BMP-VK200
3"	B54BMP-SK300	B54BMP-VK300
4"	B54BMP-SK400	B54BMP-VK400

Replacement Glasses



Size	Polycarbonate Replacement Part Number	Borosilicate Glass Replacement Part Number
1"	B54BMP-LX100	B54BMP-GL100
1½"	B54BMP-LX150	B54BMP-GL150
2"	B54BMP-LX200	B54BMP-GL200
3"	B54BMP-LX300	B54BMP-GL300
4"	B54BMP-LX400	B54BMP-GL400

Swivels

Features:

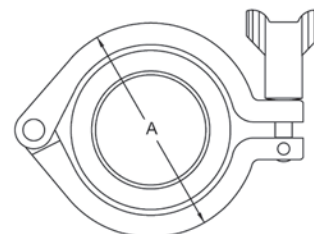
- available in clamp and weld configurations
- elastomers: silicone and PTFE standard, optional elastomers available
- finish: sanitary finish ID and OD

straight clamp - style 20

Size	Dimensions			Pressure Rating PSI @ 70°F (21°C)	Pressure Rating PSI @ 250°F (121°C)	316L Stainless Steel Part #
	A	B	C			
1"	2.56"	3.00"	1.00"	500	300	<i>SJSS100CC-20</i>
1½"	2.56"	3.00"	1.50"	500	300	<i>SJSS150CC-20</i>
2"	3.09"	3.00"	2.00"	450	250	<i>SJSS200CC-20</i>
2½"	3.44"	3.00"	2.50"	400	200	<i>SJSS250CC-20</i>
3"	3.94"	3.00"	3.00"	350	175	<i>SJSS300CC-20</i>
4"	5.08"	4.19"	4.00"	300	150	<i>SJSS400CC-20</i>

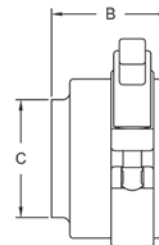


Sanitary
Fittings



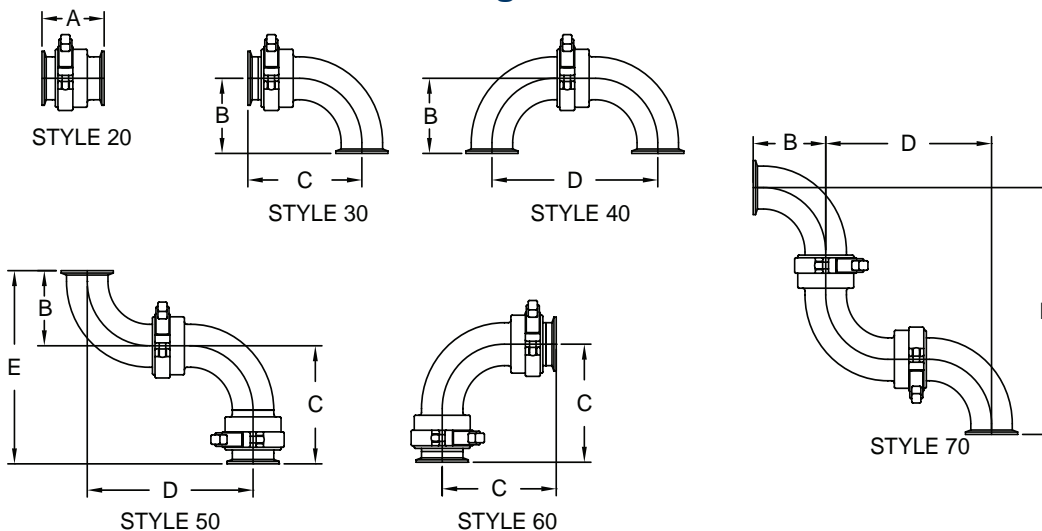
straight weld connection - style 20

Size	Dimensions			Pressure Rating PSI @ 70°F (21°C)	Pressure Rating PSI @ 250°F (121°C)	316L Stainless Steel Part #
	A	B	C			
1"	2.56"	2.00"	1.00"	500	300	<i>SJSS100BB-20</i>
1½"	2.56"	2.00"	1.50"	500	300	<i>SJSS150BB-20</i>
2"	3.09"	2.00"	2.00"	450	250	<i>SJSS200BB-20</i>
2½"	3.44"	2.00"	2.50"	400	200	<i>SJSS250BB-20</i>
3"	3.94"	2.00"	3.00"	350	175	<i>SJSS300BB-20</i>
4"	5.08"	2.94"	4.00"	300	150	<i>SJSS400BB-20</i>



- dimensional information can be found at dixonvalve.com

Configurations



Clamp Joint Dimensions

Size	A	B	C	D	E	F	Part Number
1"	3.00"	2.00"	4.00"	5.00"	6.00"	7.00"	<i>SJSS100CC-*</i>
1½"	3.00"	2.75"	4.75"	6.50"	7.50"	9.25"	<i>SJSS150CC-*</i>
2"	3.00"	3.50"	5.50"	8.00"	9.00"	11.50"	<i>SJSS200CC-*</i>
2½"	3.00"	4.25"	6.25"	9.50"	10.50"	13.75"	<i>SJSS250CC-*</i>
3"	3.00"	5.00"	7.00"	11.00"	12.00"	16.00"	<i>SJSS300CC-*</i>
4"	5.19"	6.63"	9.63"	14.94"	15.94"	21.56"	<i>SJSS400CC-*</i>

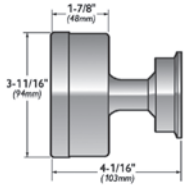
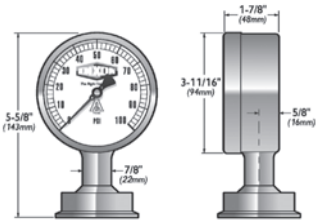
* For all other styles, please contact Dixon Sanitary 800.789.1718

Sanitary 3½" Pressure Gauges

Features:

- accuracy: ± 1.5% of full scale
- over range capacity: 30%
- wetted surfaces: 316L stainless steel
- surface finishes (wetted parts): R_a max = 25 microinches
- case material: 304 stainless steel
- dial size: 3½"
- lens material: polycarbonate
- temperature range: 0°F (-18°C) to 250°F (121°C)
- standard fill: food grade glycerin
- rezero feature: standard on pointer
- shipping weight: approximately 3 lbs. (1.3 kg)

Sanitary Fittings



3½"

Dial Size	Clamp Size	Pressure Range (PSI)	Mount	316L Stainless Steel Part #
3½"	1½"	0-30	bottom	3S-B-15U-GFBTSS
	1½"	0-60	bottom	3S-C-15U-GFBTSS
	1½"	0-100	bottom	3S-D-15U-GFBTSS
	1½"	0-160	bottom	3S-E-15U-GFBTSS
	1½"	0-200	bottom	3S-F-15U-GFBTSS
	1½"	0-300	bottom	3S-G-15U-GFBTSS
	1½"	0-30	back	3S-B-15U-GFBKSS
	1½"	0-60	back	3S-C-15U-GFBKSS
	1½"	0-100	back	3S-D-15U-GFBKSS
	1½"	0-160	back	3S-E-15U-GFBKSS
	1½"	0-200	back	3S-F-15U-GFBKSS
	1½"	0-300	back	3S-G-15U-GFBKSS
	2"	0-30	bottom	3S-B-2U-GFBTSS
	2"	0-60	bottom	3S-C-2U-GFBTSS
	2"	0-100	bottom	3S-D-2U-GFBTSS
	2"	0-160	bottom	3S-E-2U-GFBTSS
	2"	0-200	bottom	3S-F-2U-GFBTSS
	2"	0-300	bottom	3S-G-2U-GFBTSS
	2"	0-30	back	3S-B-2U-GFBKSS
	2"	0-60	back	3S-C-2U-GFBKSS
	2"	0-100	back	3S-D-2U-GFBKSS
	2"	0-160	back	3S-E-2U-GFBKSS
	2"	0-200	back	3S-F-2U-GFBKSS
	2"	0-300	back	3S-G-2U-GFBKSS



Strainers

In-line - BSCCQ

Features:

- ships standard with: spring, distributor cap, clamp gasket, 1/4" perforated back-up tube, squeeze clamp, inlet and outlet bodies
- must be vertically mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon® for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A)

short

Size	Dimensions		316L Stainless Steel Part #
	A	B	
1"	15.75"	4.00"	BSCCQ1-R100
1½"	15.75"	4.00"	BSCCQ1-R150
2"	15.75"	4.00"	BSCCQ1-R200
2½"	15.75"	4.50"	BSCCS1-R250
3"	15.75"	4.50"	BSCCS1-R300

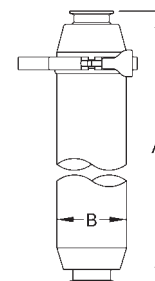
long

Size	Dimensions		316L Stainless Steel Part #
	A	B	
1½"	35.375"	4.00"	BSCCQ2-R150
2"	35.375"	4.00"	BSCCQ2-R200
3"	35.375"	4.50"	BSCCS2-R300



short

Sanitary Fittings

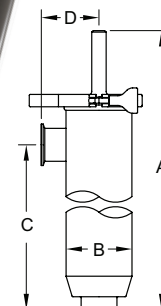
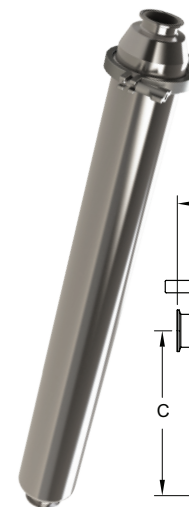


Side-Entry - BSCCQ

Features:

- ships standard with: spring, end cap with handle, distributor cap, clamp gasket, 1/4" perforated back-up tube, body and squeeze clamp
- serviceable without removing from the line
- must be a vertically mounted to be 3A compliant
- bevel seat, I-line and weld ends available, call Dixon® for information
- 1/8" perforated back-up tube available, must specify when ordering (not 3A certified)

Size	Dimensions				316L Stainless Steel Part #
	A	B	C	D	
1½"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R150
2"	41.90"	4.00"	35.00"	3.50"	BSCCQ3-R200
3"	41.90"	4.50"	35.00"	3.75"	BSCCQ3-R300

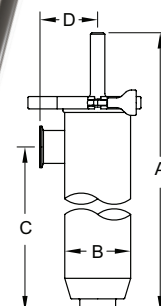
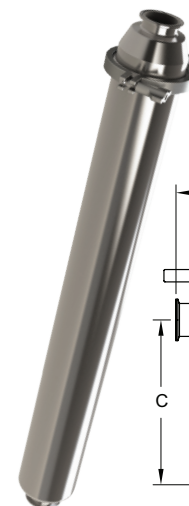


Side-Outlet Reverse - BSCCQ

Features:

- ships standard with: spring, end cap with handle, distributor cap, clamp gasket, 1/4" perforated back-up tube, body and squeeze clamp
- 1/8" perforated back-up tube available (not 3A certified)
- bevel seat, I-line and weld ends available, call Dixon® for information
- can be serviced in-line

Size	Dimensions				316L Stainless Steel Part #
	A	B	C	D	
1½"	41.90"	4.00"	35.00"	3.50"	BSCCQ4-R150
2"	41.90"	4.00"	35.00"	3.50"	BSCCQ4-R200
3"	41.90"	4.50"	35.00"	3.75"	BSCCQ4-R300



Strainers

Filters

Features:

- filter medium are special order and minimum quantities apply, not included with base unit
- filters require retaining ring

Sanitary Fittings

short

Size	Micron Rating	Description	Part #
1" - 2"	38	nonwoven rayon (glued seam)	BF30A-100-200
2½" - 3"	38	nonwoven rayon (glued seam)	BF30A-250-300
1" - 2"	513	woven knapped cotton flannel	BF30B-100-200
2½" - 3"	513	woven knapped cotton flannel	BF30B-250-300
1" - 2"	300	cheese cloth, single thickness cotton	BF30C-100-200
2½" - 3"	300	cheese cloth, single thickness cotton	BF30C-250-300
1" - 2"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-100-200
2½" - 3"	765	nylon, 26/29 mesh, rectangular opening, (.025 x .030)	BF30D-250-300
1" - 2"	40-42	nonwoven rayon	BF30E-100-200
2½" - 3"	40-42	nonwoven rayon	BF30E-250-300
1" - 2"	40	nonwoven rayon	---
1" - 2"	420	woven nylon, 40 mesh	BF30G-100-200
2½" - 3"	420	woven nylon, 40 mesh	BF30G-250-300

long

Size	Micron Rating	Description	Part #
1" - 2"	40-42	nonwoven rayon	BF302E-100-200
2½" - 3"	40-42	nonwoven rayon	BF302E-250-300
2½" - 3"	420	woven nylon, 40 mesh	BF302G-250-300

316 Stainless Wire Cloth Mesh Over Screens

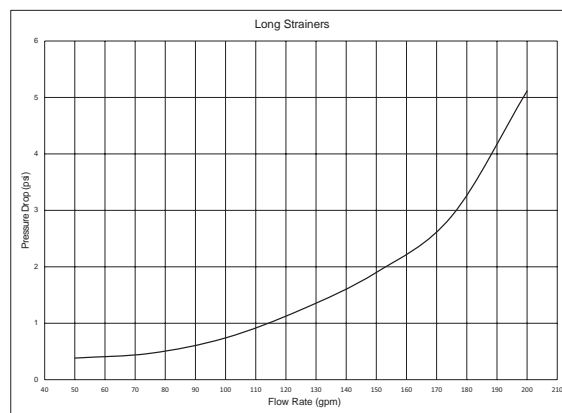
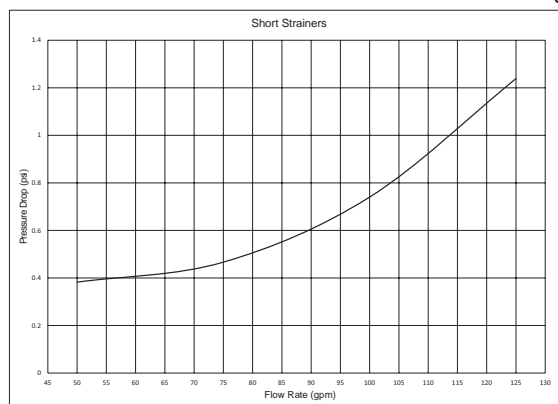
Features:

- not all sizes are stocked, additional sizes are available (5 piece minimum), call Dixon®
- not 3A compatible, not included with base unit

Size	Micron Rating	Square Mesh	Space Between Wires	Percent of Open Area	Short Part #	Long Part #
1" - 2"	864	20	0.034"	46.2	BS20-100-200	BS202-100-200
2½" - 3"	864	20	0.034"	46.2	BS20-250-300	BS202-250-300
1" - 2"	381	40	0.015"	36.0	BS40-100-200	BS402-100-200
2½" - 3"	381	40	0.015"	36.0	BS40-250-300	BS402-250-300
1" - 2"	229	60	0.009"	30.3	BS60-100-200	BS602-100-200
2½" - 3"	229	60	0.009"	30.3	BS60-250-300	BS602-250-300
1" - 2"	178	80	0.007"	31.4	BS80-100-200	BS802-100-200
2½" - 3"	178	80	0.007"	31.4	BS80-250-300	BS802-250-300
1" - 2"	140	100	0.006"	30.3	BS100-100-200	BS1002-100-200
2½" - 3"	140	100	0.006"	30.3	BS100-250-300	BS1002-250-300

Pressure Drop Curves for Filter and Strainer

- water at ambient temperature
- maximum flow for short units is 125 GPM
- maximum flow for long units is 175 GPM





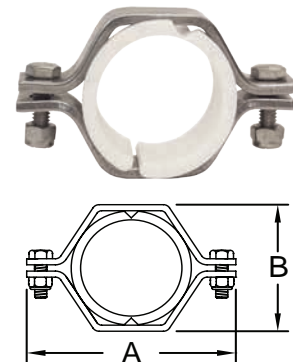
Tube Hangers

Hex with ABS Sleeve - B24PS

Feature:

- maximum temperature: **230°F (110°C)**

Tube OD	Dimensions		304 Stainless Steel Part #
	A	B	
1/2"	2.800"	1.150"	B24PS-G50
3/4"	2.800"	1.150"	B24PS-G75
1"	3.425"	1.450"	B24PS-G100
1 1/2"	4.000"	2.125"	B24PS-G150
2"	4.500"	2.500"	B24PS-G200
2 1/2"	4.950"	3.125"	B24PS-G250
3"	5.500"	3.750"	B24PS-G300
4"	6.950"	4.750"	B24PS-G400
5"	8.063"	5.625"	B24PS-G500
6"	9.250"	6.625"	B24PS-G600
8"	11.500"	8.625"	B24PS-G800



Sanitary Fittings

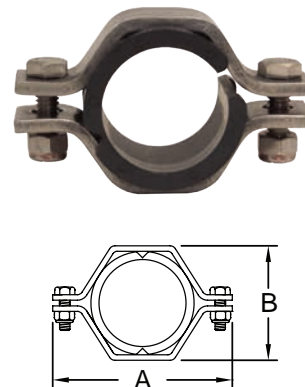
Hex with High Temperature Polysulfone Sleeve - B24HS



Specification:

- high temperature sleeve maximum temperature: **325°F (163°C)**

Tube OD	Dimensions		304 Stainless Steel Part Number
	A	B	
1/2"	2.375"	1.062"	B24HS-G50
3/4"	2.625"	1.188"	B24HS-G75
1"	2.688"	1.563"	B24HS-G100
1 1/2"	3.625"	2.125"	B24HS-G150
2"	4.625"	2.625"	B24HS-G200
2 1/2"	4.813"	3.125"	B24HS-G250
3"	5.375"	3.625"	B24HS-G300
4"	6.625"	4.625"	B24HS-G400
6"	9.000"	6.625"	B24HS-G600



Sleeves - 13PS

Features:

- maximum temperature: **230°F (110°C)**
- high temperature sleeves are also available, contact Dixon®

Size	ABS	High Temperature
	Part #	Part #
1/2"	13PS-50	13HS-50
3/4"	13PS-75	13HS-75
1"	13PS-100	13HS-100
1 1/2"	13PS-150	13HS-150
2"	13PS-200	13HS-200
2 1/2"	13PS-250	13HS-250
3"	13PS-300	13HS-300
4"	13PS-400	13HS-400
5"	13PS-500	---
6"	13PS-600	13HS-600
8"	13PS-800	---



Tube Hangers

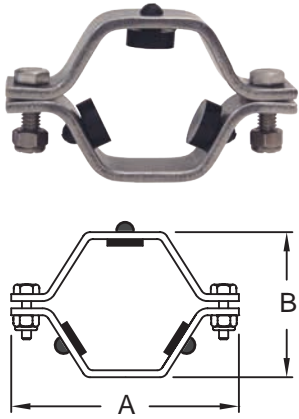
Hex with Nitrile Grommets - B24RG

Features:

- replacement grommets are available, contact Dixon®
- nitrile grommets; maximum temperature: 230°F (110°C)

Tube OD	Dimensions		304 Stainless Steel Part #
	A	B	
½" - ¾"	3.425"	1.450"	B24RG-G75
1"	3.425"	1.450"	B24RG-G100
1½"	4.000"	2.125"	B24RG-G150
2"	4.500"	2.500"	B24RG-G200
2½"	4.950"	3.125"	B24RG-G250
3"	5.500"	3.750"	B24RG-G300
4"	6.950"	4.750"	B24RG-G400
5"	8.000"	5.625"	B24RG-G500
6"	9.250"	6.625"	B24RG-G600
8"	11.500"	8.625"	B24RG-G800

Sanitary Fittings

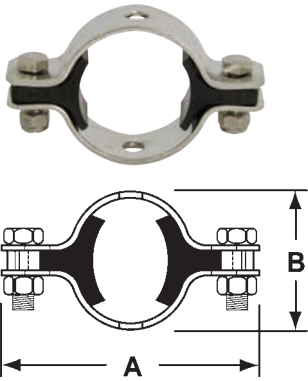


Round with Nitrile Inserts - B24RPH

Feature:

- Nitrile inserts
- maximum temperature: 230°F (110°C)

Tube OD	Dimensions		304 Stainless Steel Part #
	A	B	
½"	2.750"	1.125"	B24RPH-G50
¾"	2.750"	1.125"	B24RPH-G75
1"	3.310"	1.500"	B24RPH-G100
1½"	3.810"	2.000"	B24RPH-G150
2"	4.250"	2.562"	B24RPH-G200
2½"	5.000"	3.000"	B24RPH-G250
3"	5.500"	3.562"	B24RPH-G300
4"	6.500"	4.688"	B24RPH-G400

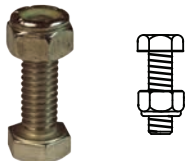


Nuts and Bolts - 13NHN

Features:

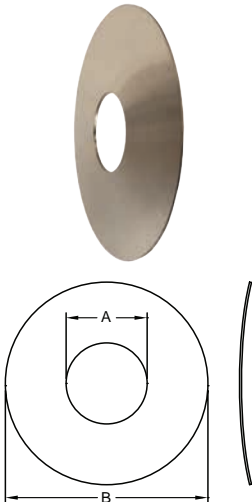
- hex hangers with grommets and round hangers 1" to 4" use 13NHN-G100-600 fastener sets
- ½" and ¾" round and sleeved hangers use 13NHN-G75 fastener sets
- 2 nuts and bolts supplied to a set

Size	Description	304 Stainless Steel Part #
½" - ¾"	¼"-20 x ¾" bolt with nylock nut	13NHN-G75
1" - 12"	5/16"-18 x 1" bolt with nylock nut	13NHN-G100-600



Wall Flanges - B25

Tube OD	Dimensions		Wall Thickness	304 Stainless Steel Part #
	A	B		
½"	.50"	3.00"	.065"	B25-G050300
½"	.50"	5.00"	.065"	B25-G050500
¾"	.75"	3.00"	.065"	B25-G075300
¾"	.75"	5.00"	.065"	B25-G075500
1"	1.00"	3.00"	.065"	B25-G100300
1"	1.00"	5.00"	.065"	B25-G100500
1½"	1.50"	5.00"	.065"	B25-G150500
2"	2.00"	5.00"	.065"	B25-G200500
2½"	2.50"	5.00"	.065"	B25-G250500
3"	3.00"	6.00"	.065"	B25-G300600
4"	4.00"	7.00"	.065"	B25-G400700
5"	5.00"	8.00"	.065"	B25-G500800
6"	6.00"	10.00"	.065"	B25-G6001000
8"	8.00"	12.00"	.065"	B25-G8001200
10"	10.00"	14.00"	.065"	B25-G10001400
12"	12.00"	16.00"	.065"	B25-G12001600

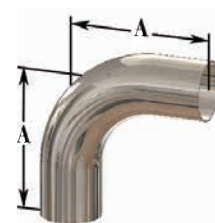


NEW

High Purity BioPharm Fittings

90° Weld Elbows - T2S

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
1/2"	3.00"	T2S-050PL	T2S-050PM
3/4"	3.00"	T2S-075PL	T2S-075PM
1"	3.00"	T2S-100PL	T2S-100PM
1 1/2"	3.75"	T2S-150PL	T2S-150PM
2"	4.75"	T2S-200PL	T2S-200PM
2 1/2"	5.50"	T2S-250PL	T2S-250PM
3"	6.25"	T2S-300PL	T2S-300PM
4"	8.00"	T2S-400PL	T2S-400PM

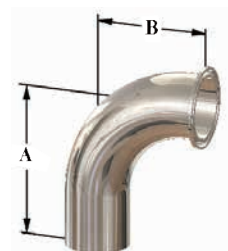


BPE Table DT-4.1.1-1

Sanitary
Fittings

90° Clamp x Weld Elbows - T2CM

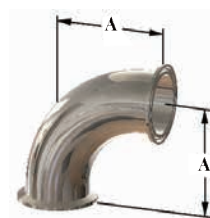
Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
1/2"	3.00"	1.625"	T2CM-050PL	T2CM-050PM
3/4"	3.00"	1.625"	T2CM-075PL	T2CM-075PM
1"	3.00"	2.000"	T2CM-100PL	T2CM-100PM
1 1/2"	3.75"	2.750"	T2CM-150PL	T2CM-150PM
2"	4.75"	3.500"	T2CM-200PL	T2CM-200PM
2 1/2"	5.50"	4.250"	T2CM-250PL	T2CM-250PM
3"	6.25"	5.000"	T2CM-300PL	T2CM-300PM
4"	8.00"	6.625"	T2CM-400PL	T2CM-400PM



BPE Table DT-4.1.1-2

90° Clamp x Clamp Elbows - T2CMP

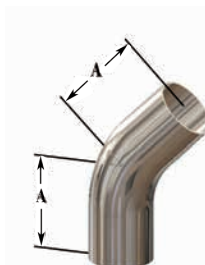
Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
1/2"	1.625"	T2CMP-050PL	T2CMP-050PM
3/4"	1.625"	T2CMP-075PL	T2CMP-075PM
1"	2.000"	T2CMP-100PL	T2CMP-100PM
1 1/2"	2.750"	T2CMP-150PL	T2CMP-150PM
2"	3.500"	T2CMP-200PL	T2CMP-200PM
2 1/2"	4.250"	T2CMP-250PL	T2CMP-250PM
3"	5.000"	T2CMP-300PL	T2CMP-300PM
4"	6.625"	T2CMP-400PL	T2CMP-400PM



BPE Table DT-4.1.1-3

45° Weld Elbows - T2KS

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
1/2"	2.250"	T2KS-050PL	T2KS-050PM
3/4"	2.250"	T2KS-075PL	T2KS-075PM
1"	2.250"	T2KS-100PL	T2KS-100PM
1 1/2"	2.500"	T2KS-150PL	T2KS-150PM
2"	3.000"	T2KS-200PL	T2KS-200PM
2 1/2"	3.375"	T2KS-250PL	T2KS-250PM
3"	3.625"	T2KS-300PL	T2KS-300PM
4"	4.500"	T2KS-400PL	T2KS-400PM



BPE Table DT-4.1.1-4

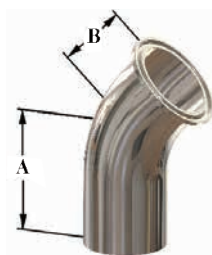
PL Finish – SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish – SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings

45° Clamp x Weld Elbows - T2KM

Sanitary Fittings



BPE Table DT-4.1.1-5

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
1/2"	2.250"	1.000"	T2KM-050PL	T2KM-050PM
3/4"	2.250"	1.000"	T2KM-075PL	T2KM-075PM
1"	2.250"	1.125"	T2KM-100PL	T2KM-100PM
1 1/2"	2.500"	1.438"	T2KM-150PL	T2KM-150PM
2"	3.000"	1.750"	T2KM-200PL	T2KM-200PM
2 1/2"	3.375"	2.063"	T2KM-250PL	T2KM-250PM
3"	3.625"	2.380"	T2KM-300PL	T2KM-300PM
4"	4.500"	3.125"	T2KM-400PL	T2KM-400PM

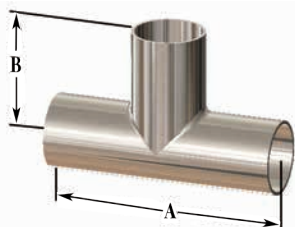
45° Clamp x Clamp Elbows - T2KMP



BPE Table DT-4.1.1-6

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
1/2"	1.000"	T2KMP-050PL	T2KMP-050PM
3/4"	1.000"	T2KMP-075PL	T2KMP-075PM
1"	1.125"	T2KMP-100PL	T2KMP-100PM
1 1/2"	1.438"	T2KMP-150PL	T2KMP-150PM
2"	1.750"	T2KMP-200PL	T2KMP-200PM
2 1/2"	2.063"	T2KMP-250PL	T2KMP-250PM
3"	2.380"	T2KMP-300PL	T2KMP-300PM
4"	3.125"	T2KMP-400PL	T2KMP-400PM

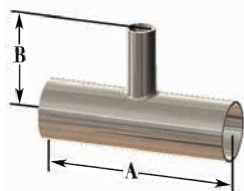
Weld x Weld x Weld Tees - T7WWW



BPE Table DT-4.1.2-1

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
1/2"	3.750"	1.875"	T7WWW-050PL	T7WWW-050PM
3/4"	4.000"	2.000"	T7WWW-075PL	T7WWW-075PM
1"	4.250"	2.125"	T7WWW-100PL	T7WWW-100PM
1 1/2"	4.750"	2.375"	T7WWW-150PL	T7WWW-150PM
2"	5.750"	2.875"	T7WWW-200PL	T7WWW-200PM
2 1/2"	6.250"	3.125"	T7WWW-250PL	T7WWW-250PM
3"	6.750"	3.375"	T7WWW-300PL	T7WWW-300PM
4"	8.250"	4.125"	T7WWW-400PL	T7WWW-400PM

Weld x Weld x Weld Reducing Tees - T7RWWW



BPE Table DT-4.1.2-6

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
3/4" x 1/2"	4.000"	2.000"	T7RWWW-075050PL	T7RWWW-075050PM
1" x 1/2"	4.250"	2.125"	T7RWWW-100050PL	T7RWWW-100050PM
1" x 3/4"	4.250"	2.125"	T7RWWW-100075PL	T7RWWW-100075PM
1 1/2" x 1/2"	4.750"	2.375"	T7RWWW-150050PL	T7RWWW-150050PM
1 1/2" x 3/4"	4.750"	2.375"	T7RWWW-150075PL	T7RWWW-150075PM
1 1/2" x 1"	4.750"	2.375"	T7RWWW-150100PL	T7RWWW-150100PM
2" x 1/2"	5.750"	2.625"	T7RWWW-200050PL	T7RWWW-200050PM
2" x 3/4"	5.750"	2.625"	T7RWWW-200075PL	T7RWWW-200075PM
2" x 1"	5.750"	2.625"	T7RWWW-200100PL	T7RWWW-200100PM
2" x 1 1/2"	5.750"	2.625"	T7RWWW-200150PL	T7RWWW-200150PM

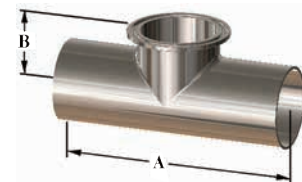
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OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish – SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings

Weld x Weld x Clamp Short Outlet Tees - T7WWMS

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
½"	3.750"	1.000"	T7WWMS-050PL	T7WWMS-050PM
¾"	4.000"	1.125"	T7WWMS-075PL	T7WWMS-075PM
1"	4.250"	1.125"	T7WWMS-100PL	T7WWMS-100PM
1½"	4.750"	1.375"	T7WWMS-150PL	T7WWMS-150PM
2"	5.750"	1.625"	T7WWMS-200PL	T7WWMS-200PM
2½"	6.250"	1.825"	T7WWMS-250PL	T7WWMS-250PM
3"	6.750"	2.125"	T7WWMS-300PL	T7WWMS-300PM
4"	8.250"	2.750"	T7WWMS-400PL	T7WWMS-400PM

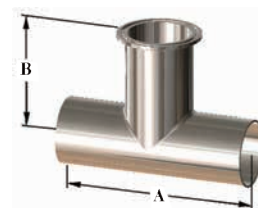


BPE Table DT-4.1.2-2

Sanitary
Fittings

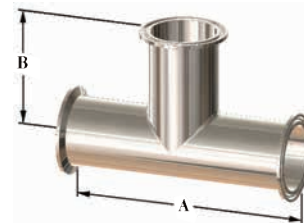
Weld x Weld x Clamp Tees - T7WWM

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
½"	3.750"	2.250"	T7WWM-050PL	T7WWM-050PM
¾"	4.000"	2.375"	T7WWM-075PL	T7WWM-075PM
1"	4.250"	2.625"	T7WWM-100PL	T7WWM-100PM
1½"	4.750"	2.875"	T7WWM-150PL	T7WWM-150PM
2"	5.750"	3.375"	T7WWM-200PL	T7WWM-200PM
2½"	6.250"	3.625"	T7WWM-250PL	T7WWM-250PM
3"	6.750"	3.875"	T7WWM-300PL	T7WWM-300PM
4"	8.250"	4.750"	T7WWM-400PL	T7WWM-400PM



Clamp x Clamp x Clamp Tees - T7MP

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
½"	4.500"	2.250"	T7MP-050PL	T7MP-050PM
¾"	4.750"	2.375"	T7MP-075PL	T7MP-075PM
1"	5.250"	2.625"	T7MP-100PL	T7MP-100PM
1½"	5.750"	2.875"	T7MP-150PL	T7MP-150PM
2"	6.750"	3.375"	T7MP-200PL	T7MP-200PM
2½"	7.250"	3.625"	T7MP-250PL	T7MP-250PM
3"	7.750"	3.875"	T7MP-300PL	T7MP-300PM
4"	9.500"	4.750"	T7MP-400PL	T7MP-400PM



BPE Table DT-4.1.2-4

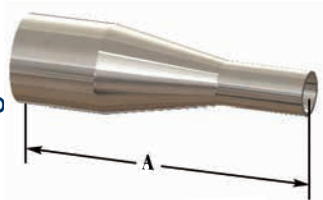
PL Finish – SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish – SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings

Weld x Weld Concentric Reducers - T31W

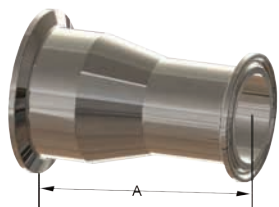
Sanitary Fittings



BPE Table DT-4.1.3-1(a)

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
¾" x ½"	4.00"	2211CBB075050F1	2211CBB075050F4
1" x ½"	4.50"	2211CBB100050F1	2211CBB100050F4
1" x ¾"	4.00"	2211CBB100075F1	2211CBB100075F4
1½" x ¾"	5.00"	2211CBB150075F1	2211CBB150075F4
1½" x 1"	5.00"	2211CBB150100F1	2211CBB150100F4
2" x 1"	7.25"	2211CBB200100F1	2211CBB200100F4
2" x 1½"	5.25"	2211CBB200150F1	2211CBB200150F4

Clamp x Clamp Concentric Reducers - T3114MP



BPE Table DT-4.1.3-3(a)

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
¾" x ½"	2.000"	2221CBB075050F1	2221CBB075050F4
1" x ½"	2.500"	2221CBB100050F1	2221CBB100050F4
1" x ¾"	2.000"	2221CBB100075F1	2221CBB100075F4
1½" x ¾"	3.000"	2221CBB150075F1	2221CBB150075F4
1½" x 1"	3.000"	2221CBB150100F1	2221CBB150100F4
2" x 1"	5.000"	2221CBB200100F1	2221CBB200100F4
2" x 1½"	3.000"	2221CBB200150F1	2221CBB200150F4

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

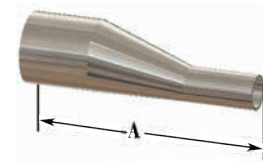
PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings

Weld x Weld Eccentric Reducers - T32W

Sanitary
Fittings

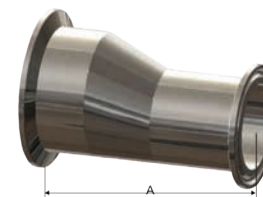
Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
3/4" x 1/2"	4.00"	2211EBB075050F1	2211EBB075050F4
1" x 1/2"	4.50"	2211EBB100050F1	2211EBB100050F4
1" x 3/4"	4.00"	2211EBB100075F1	2211EBB100075F4
1 1/2" x 3/4"	5.00"	2211EBB150075F1	2211EBB150075F4
1 1/2" x 1"	5.00"	2211EBB150100F1	2211EBB150100F4
2" x 1"	7.25"	2211EBB200100F1	2211EBB200100F4
2" x 1 1/2"	5.25"	2211EBB200150F1	2211EBB200150F4



BPE Table DT-4.1.3-1(a)

Clamp x Clamp Eccentric Reducers - T3214MP

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
3/4" x 1/2"	2.000"	2221EBB075050F1	2221EBB075050F4
1" x 1/2"	2.500"	2221EBB100050F1	2221EBB100050F4
1" x 3/4"	2.000"	2221EBB100075F1	2221EBB100075F4
1 1/2" x 3/4"	3.000"	2221EBB150075F1	2221EBB150075F4
1 1/2" x 1"	3.000"	2221EBB150100F1	2221EBB150100F4
2" x 1"	5.000"	2221EBB200100F1	2221EBB200100F4
2" x 1 1/2"	3.000"	2221EBB200150F1	2221EBB200150F4



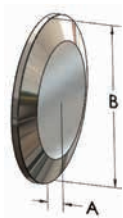
BPE Table DT-4.1.3-3(a)

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

High Purity BioPharm Fittings

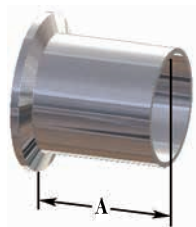
Solid End Caps - T16AMP


Sanitary
Fittings

BPE Table DT-4.1.5-2

Size	Dimensions		PL finish - SF1 Part #	PM finish - SF4 Part #
	A	B		
½" - ¾"	0.19"	0.98"	T16AMP-050075PL	T16AMP-050075PM
1" - 1½"	0.25"	1.98"	T16AMP-100150PL	T16AMP-100150PM
2"	0.25"	2.52"	T16AMP-200PL	T16AMP-200PM
2½"	0.25"	3.05"	T16AMP-250PL	T16AMP-250PM
3"	0.25"	3.58"	T16AMP-300PL	T16AMP-300PM
4"	0.31"	4.68"	T16AMP-400PL	T16AMP-400PM

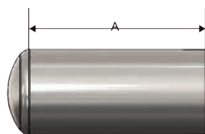
Auto Weld Ferrules - TL14AM7



BPE Table DT-4.1.4-1

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
½"	1.75"	TL14AM7-050PL	TL14AM7-050PM
¾"	1.75"	TL14AM7-075PL	TL14AM7-075PM
1"	1.75"	TL14AM7-100PL	TL14AM7-100PM
1½"	1.75"	TL14AM7-150PL	TL14AM7-150PM
2"	2.25"	TL14AM7-200PL	TL14AM7-200PM
2½"	2.25"	TL14AM7-250PL	TL14AM7-250PM
3"	2.25"	TL14AM7-300PL	TL14AM7-300PM
4"	2.25"	TL14AM7-400PL	TL14AM7-400PM

Weld Caps - T16W



BPE Table DT-4.1.5-1

Size	Dimension A	PL finish - SF1 Part #	PM finish - SF4 Part #
½"	1.50"	T16W-050PL	T16W-050PM
¾"	1.50"	T16W-075PL	T16W-075PM
1"	1.50"	T16W-100PL	T16W-100PM
1½"	1.50"	T16W-150PL	T16W-150PM
2"	1.50"	T16W-200PL	T16W-200PM

PL Finish – SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish – SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished and Electropolished

2-Way 3 Piece Encapsulated Ball Valves

Materials:

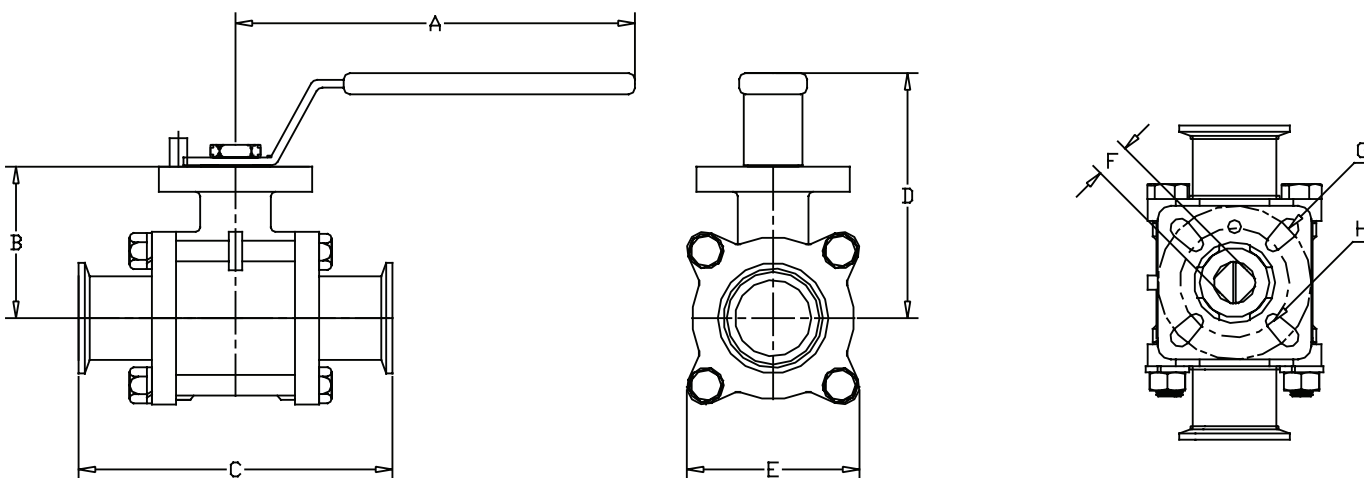
- body, ends and ball: CF8M stainless
- seats: virgin PTFE, 15% glass reinforced RTFE, 25% carbon reinforced PTFE, 50% stainless steel reinforced PTFE or UHMW

Features:

- live-loaded stem packing
- precision stainless steel balls reduce torque and friction losses while extending seat life
- integral ISO 5211 mounting pad
- ID polish is R_a 32 minimum
- lockable handle can prevent accidental actuation
- standard internal entry blow out proof stem design
- full port design matches ball and seat ports to tube ID for lower pressure drop and less turbulent flow
- compact design for areas with tight space restrictions
- fully encapsulated construction produces bubble tight seal
- identification tagging available
- balanced encapsulated construction minimizes cold flow

Specifications:

- maximum pressure rating: ½" - 2" **1000 PSI WOG**, 2½" - 4" **800 PSI WOG**
- for valves seat options, call Dixon
- repair kits available

Sanitary
Fittings

Size	Dimensions								316 Stainless Steel Part #
	A	B	C	D	E	F (mm)	G (mm)	H (mm)	
½"	4.9"	1.5"	4.3"	3.1"	2.0"	9	42	36	BV2CV-050CC-A
¾"	4.9"	1.8"	4.7"	3.4"	2.2"	9	42	36	BV2CV-075CC-A
1"	5.4"	2.1"	4.9"	3.6"	2.4"	11	50	42	BV2CV-100CC-A
1½"	9.3"	2.7"	5.6"	4.4"	3.2"	14	70	50	BV2CV-150CC-A
2"	9.3"	3.1"	6.4"	4.7"	3.8"	14	70	50	BV2CV-200CC-A
2½"	18.0"	3.8"	7.8"	5.2"	4.9"	17	102	70	BV2CV-250CC-A
3"	18.3"	4.2"	9.0"	5.7"	5.4"	17	102	70	BV2CV-300CC-A
4"	18.3"	5.3"	9.6"	6.9"	8.7"	22	125	102	BV2CV-400CC-A

Our commitment to excellence and continuous research and development for improving product quality may warrant periodic changes in design and specification. We reserve the right to modify product design without prior notification and without incurring any liability to provide these modifications to products previously purchased.

Non-Encapsulated 2-way 3 Piece Stainless Steel Ball Valves

Sanitary Fittings



Materials:

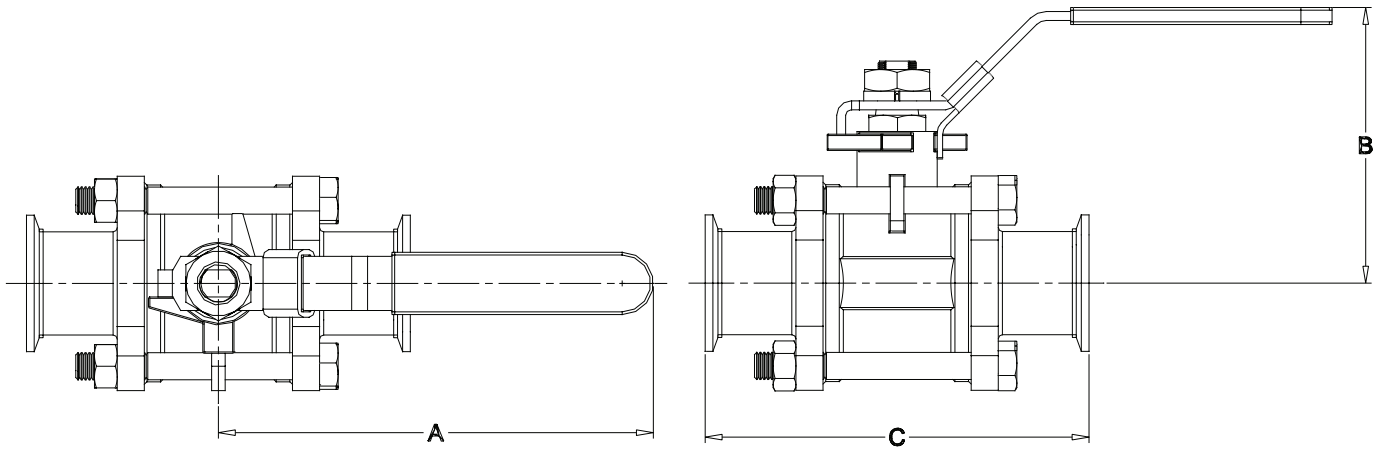
- body, ends and ball: CF8M stainless
- seats: 15% glass reinforced PTFE

Features:

- blow-out proof stem
- live-loaded stem packing
- ID polish is $R_a 32$
- lockable handle

Specifications:

- maximum pressure rating: ½" - 2" **1000 PSI WOG**, 2½" - 4" **800 PSI WOG**
- maximum temperature: **300°F (149°C)**
- repair kits available



Size	Dimensions			316 Stainless Steel Part #
	A	B	C	
½"	4.1"	2.3"	4.6"	BV2GG-050CC-A
¾"	4.1"	2.5"	4.7"	BV2GG-075CC-A
1"	5.0"	2.8"	4.9"	BV2GG-100CC-A
1½"	6.1"	3.5"	5.6"	BV2GG-150CC-A
2"	7.6"	3.9"	6.4"	BV2GG-200CC-A
2½"	7.6"	4.4"	7.8"	BV2GG-250CC-A
3"	10.9"	4.9"	9.0"	BV2GG-300CC-A
4"	13.2"	6.6"	9.6"	BV2GG-400CC-A

Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Butterfly Valves

Materials:

- body and disc: 316L
- seat: EPDM, FKM, (6" EPDM and silicone, 8" EPDM only)

Features:

- low resistance to flow
- bi-directions flow
- gentle to media
- suitable for low and medium viscosity fluids
- can be serviced in the field
- self-draining
- various manual or automatic operators available, call Dixon Sanitary for details 800.789.1718
- optional wing nut kit is available for easy assembly and disassembly
- 100% hydraulic tested / 100% inspected

Specifications:

- vacuum rating: 0.4 inches Hg at 68°F (20°C)
- operating temperature range: 15°F to 200°F (-9°C to 93°C)

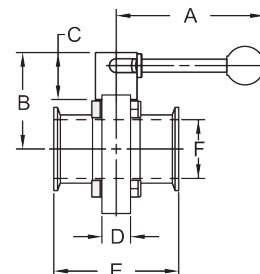
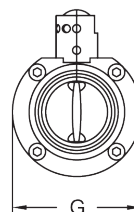
Clamp End with Pull Handle - [A]

Size	316L Stainless Steel with Silicone Seats Part #	316L Stainless Steel with FKM Seats Part #	316L Stainless Steel with EPDM Seats Part #
1/2"	B5101S050CC-A	B5101V050CC-A	B5101E050CC-A
3/4"	B5101S075CC-A	B5101V075CC-A	B5101E075CC-A
1"	B5101S100CC-A	B5101V100CC-A	B5101E100CC-A
1 1/2"	B5101S150CC-A	B5101V150CC-A	B5101E150CC-A
2"	B5101S200CC-A	B5101V200CC-A	B5101E200CC-A
2 1/2"	B5101S250CC-A	B5101V250CC-A	B5101E250CC-A
3"	B5101S300CC-A	B5101V300CC-A	B5101E300CC-A
4" ¹	B5101S400CC-A	B5101V400CC-A	B5101E400CC-A
6"	B5101S600CC-A	---	B5101E600CC-A
8"	---	---	B5101E800CC-A

¹ 4" high pressure butterfly valve is available, call Dixon® for more information



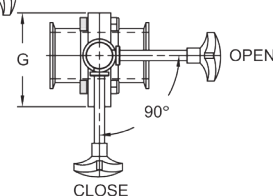
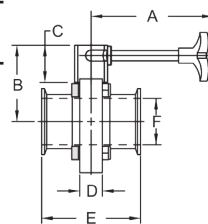
Size	Dimensions						
	A	B	C	D	E	F	G
1/2"	4.4"	2.8"	1.4"	0.9"	3.5"	.37"	3.1"
3/4"	4.4"	2.8"	1.4"	0.9"	3.5"	.62"	3.1"
1"	4.4"	2.8"	1.4"	0.9"	3.5"	0.9"	3.1"
1 1/2"	4.4"	2.8"	1.4"	0.9"	3.5"	1.4"	3.1"
2"	4.4"	3.1"	1.4"	0.9"	3.8"	1.9"	3.9"
2 1/2"	4.4"	3.5"	1.4"	0.9"	3.8"	2.4"	4.6"
3"	6.2"	3.8"	1.3"	1.2"	4.1"	2.9"	5.2"
4"	6.2"	4.5"	1.3"	1.2"	4.8"	3.8"	6.7"
6"	11.5"	5.5"	1.3"	1.2"	5.5"	5.8"	8.5"
8"	18.0"	6.9"	1.6"	1.2"	4.9"	7.8"	11.2"



Clamp End with Infinite Position Handle - [B]

Size	316L Stainless Steel with Silicone Seats Part #	316L Stainless Steel with FKM Seats Part #	316L Stainless Steel with EPDM Seats Part #
1/2"	B5101S050CC-B	B5101V050CC-B	B5101E050CC-B
3/4"	B5101S075CC-B	B5101V075CC-B	B5101E075CC-B
1"	B5101S100CC-B	B5101V100CC-B	B5101E100CC-B
1 1/2"	B5101S150CC-B	B5101V150CC-B	B5101E150CC-B
2"	B5101S200CC-B	B5101V200CC-B	B5101E200CC-B
2 1/2"	B5101S250CC-B	B5101V250CC-B	B5101E250CC-B
3"	B5101S300CC-B	B5101V300CC-B	B5101E300CC-B
4"	B5101S400CC-B	B5101V400CC-B	B5101E400CC-B

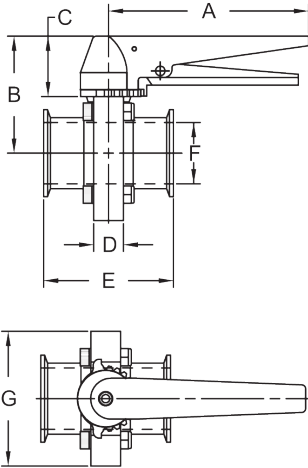
Size	Dimensions						
	A	B	C	D	E	F	G
1/2"	4.3"	2.6"	1.3"	0.9"	3.5"	.37"	3.1"
3/4"	4.3"	2.6"	1.3"	0.9"	3.5"	.62"	3.1"
1"	4.3"	2.6"	1.3"	0.9"	3.5"	.90"	3.1"
1 1/2"	4.3"	2.6"	1.3"	0.9"	3.5"	1.40"	3.1"
2"	4.3"	2.9"	1.3"	0.9"	3.8"	1.90"	3.9"
2 1/2"	4.3"	3.3"	1.3"	0.9"	3.8"	2.40"	4.6"
3"	6.4"	3.6"	1.3"	1.2"	4.1"	2.90"	5.2"
4"	6.4"	4.4"	1.3"	1.2"	4.8"	3.80"	6.7"



Butterfly Valves

Clamp End with Trigger Handle - [C]

Sanitary Fittings



Size	316L Stainless Steel with Silicone Seats Part #	316L Stainless Steel with FKM Seats Part #	316L Stainless Steel with EPDM Seats Part #
1/2"	B5101S050CC-C	B5101V050CC-C	B5101E050CC-C
3/4"	B5101S075CC-C	B5101V075CC-C	B5101E075CC-C
1"	B5101S100CC-C	B5101V100CC-C	B5101E100CC-C
1 1/2"	B5101S150CC-C	B5101V150CC-C	B5101E150CC-C
2"	B5101S200CC-C	B5101V200CC-C	B5101E200CC-C
2 1/2"	B5101S250CC-C	B5101V250CC-C	B5101E250CC-C
3"	B5101S300CC-C	B5101V300CC-C	B5101E300CC-C
4"	B5101S400CC-C	B5101V400CC-C	B5101E400CC-C

Size	Dimensions						
	A	B	C	D	E	F	G
1/2"	6.6"	3.0"	1.7"	0.9"	3.5"	.37"	3.1"
3/4"	6.6"	3.0"	1.7"	0.9"	3.5"	.62"	3.1"
1"	6.6"	3.0"	1.7"	0.9"	3.5"	.90"	3.1"
1 1/2"	6.6"	3.0"	1.7"	0.9"	3.5"	1.40"	3.1"
2"	6.6"	3.5"	1.7"	0.9"	3.8"	1.90"	3.9"
2 1/2"	6.6"	3.7"	1.7"	0.9"	3.8"	2.40"	4.6"
3"	6.6"	3.9"	1.7"	1.2"	4.1"	2.90"	5.2"
4"	6.6"	4.8"	1.7"	1.2"	4.8"	3.80"	6.7"

Repair Kits for Butterfly Valves

Features:

Repair kit contains:

- (1) seat
- (2) bushings

for valves located on pages 633 and 634



Valve Size	Black EPDM Part #	Red Silicone Part #	Brown FKM Part #
1/2" - 1"	B5101-RKE100	B5101-RKS100	B5101-RKV100
1 1/2"	B5101-RKE150	B5101-RKS150	B5101-RKV150
2"	B5101-RKE200	B5101-RKS200	B5101-RKV200
2 1/2"	B5101-RKE250	B5101-RKS250	B5101-RKV250
3"	B5101-RKE300	B5101-RKS300	B5101-RKV300
4"	B5101-RKE400	B5101-RKS400	B5101-RKV400
6"	B5101-RKE600	B5101-RKS600	---
8"	B5107-RKE800	---	---

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Butterfly Valves**Clamp****Materials:**

- contact product surfaces: sanitary finish 316L stainless steel
- seat: silicone, EPDM, FKM

Features:

- all sizes use only ¾" of line space
- the grooved clamp housing connects directly to the corresponding sanitary clamp size
- PTFE valve disc bushings reduce friction and increase cycle life
- 3-position reversible handle
- 100% tested / 100% inspected
- can be serviced in field (no special tools required)
- can be modified for lockout / tagout
- various automated options available

Specifications:

- vacuum rating: 0.4 inches Hg @ 68°F (20°C)
- operating temperature range: 15°F to 200°F (-9°C to 93°C)

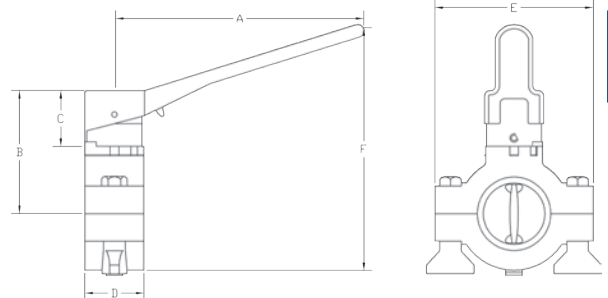
Information supplied based on water media @ 68°F (20°C)

Size	Break Torque (in-lbs.)	Assembly Torque (in-lbs.)	Pressure Rating (PSI)	Flow Coefficient (C _v)	Weight w/standard handle (lbs.)
1"	125	36	140	23	1.5
1½"	185	36	140	80	2
2"	200	21.6	120	230	2.5
2½"	260	21.6	120	264	3
3"	350	28.8	100	372	4
4"	495	43.2	70	800	6

Size	316L Stainless Steel with Silicone Seats Part #	316L Stainless Steel with FKM Seats Part #	316L Stainless Steel with EPDM Seats Part #
1"	B5102S100-A	B5102V100-A	B5102E100-A
1½"	B5102S150-A	B5102V150-A	B5102E150-A
2"	B5102S200-A	B5102V200-A	B5102E200-A
2½"	B5102S250-A	B5102V250-A	B5102E250-A
3"	B5102S300-A	B5102V300-A	B5102E300-A
4"	B5102S400-A	B5102V400-A	B5102E400-A



Size	Dimensions						PSI @ 68°F (20°C)
	A	B	C	D	E	F	
1"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	140
1½"	5.6"	2.8"	1.3"	1.3"	3.6"	5.6"	140
2"	5.6"	3.0"	1.3"	1.3"	4.1"	6.1"	120
2½"	5.6"	3.3"	1.3"	1.3"	4.6"	6.6"	120
3"	5.6"	3.6"	1.3"	1.3"	5.3"	7.1"	100
4"	5.6"	4.1"	1.3"	1.3"	6.4"	8.2"	70

**Repair Kits for Clamp Butterfly Valves**

Repair kit contains:

- (1) seat
- (2) bushings

Valve Size	Black EPDM Part #	Red Silicone Part #	Brown FKM Part #
1"	B5102-RKE100	B5102-RKS100	B5102-RKV100
1½"	B5102-RKE150	B5102-RKS150	B5102-RKV150
2"	B5102-RKE200	B5102-RKS200	B5102-RKV200
2½"	B5102-RKE250	B5102-RKS250	B5102-RKV250
3"	B5102-RKE300	B5102-RKS300	B5102-RKV300
4"	B5102-RKE400	B5102-RKS400	B5102-RKV400



B5102-RKS100

NEW

B5115 Series - 304 Stainless Steel Butterfly Valves

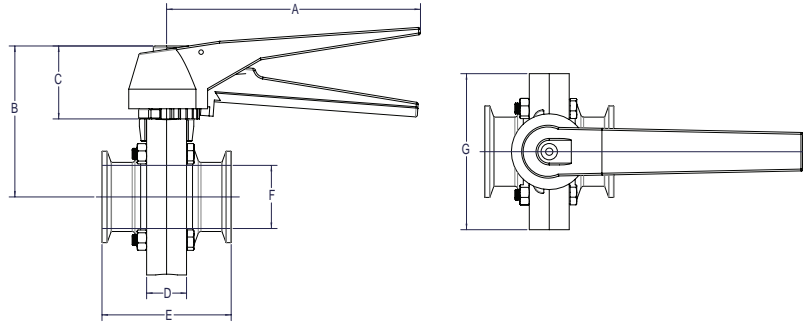
Features:

- 100% tested / 100% inspected
- product contact are sanitary finish to $32R_a$
- can be serviced in field
- silicone seats
- blue trigger handle
- operating temperature range: 15°F to 200°F (-9°C to 93°C)
- maximum operating pressure: 110 PSI

Sanitary
Fittings

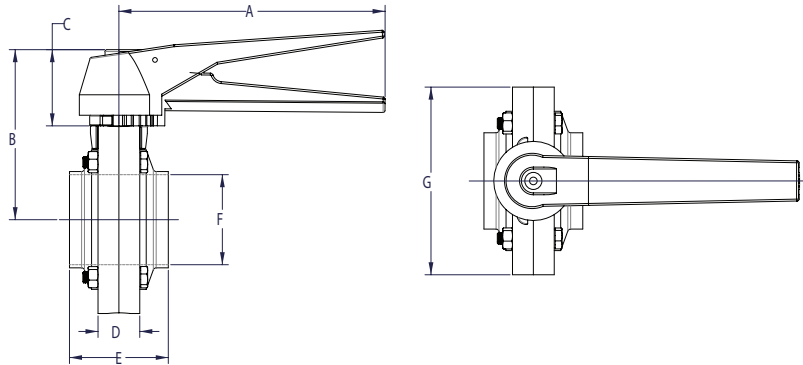


Clamp End with Trigger Handle



Size	Dimensions							304 Stainless Steel Part #
	A	B	C	D	E	F	G	
1½"	5.70"	3.40"	1.60"	0.87"	2.80"	1.40"	3.40"	B5115S150CC-C
2"	5.70"	3.60"	1.60"	0.87"	3.00"	1.90"	3.90"	B5115S200CC-C
3"	5.70"	4.20"	1.60"	0.87"	3.30"	2.90"	5.00"	B5115S300CC-C
4"	6.89"	5.51"	1.60"	0.87"	3.62"	3.83"	6.89"	B5115S400CC-C

Weld End with Trigger Handle



Size	Dimensions							304 Stainless Steel Part #
	A	B	C	D	E	F	G	
1½"	5.70"	3.40"	1.60"	0.87"	1.97"	1.40"	3.40"	B5115S150BB-C
2"	5.70"	3.60"	1.60"	0.87"	2.05"	1.90"	3.90"	B5115S200BB-C
3"	5.70"	4.20"	1.60"	0.87"	2.12"	2.90"	5.00"	B5115S300BB-C
4"	6.89"	5.51"	1.60"	0.87"	2.52"	3.83"	6.89"	B5115S400BB-C

Replacement Seats

Size	Part #
1½"	B5115-RKS150
2"	B5115-RKS200
3"	B5115-RKS300
4"	B5115-RKS400

Note: Cannot be actuated and is supplied with silicone seats only.

HSC Series Spring Check Valve


Sanitary
Fittings**Features:**

- single piece upper body spider design
- machined from solid bar
- standard O-ring and gasket seal design
- can be serviced in field (no special tools required)
- finish: sanitary polish 32 R_a
- suitable for low and medium viscosity fluids
- connection: clamp (standard), others available upon request

Size	Pressure Rating	Cracking Pressure (PSI)	Operating Temperature	316L stainless steel Part #
1/2"	145 PSI	10.0	15°F to 200°F (-9°C to 93°C)	HSC*050
3/4"		4.0		HSC*075
1"		2.5		HSC*100
1 1/2"		1.0		HSC*150
2"		1.5		HSC*200
2 1/2"		0.8		HSC*250
3"		0.5		HSC*300
4"		0.4		HSC*400



*V=FKM or E=EPDM

Repair Kits

Size	Part #
1/2"	HSC-RK*050
3/4"	HSC-RK*075
1"	HSC-RK*100
1 1/2"	HSC-RK*150
2"	HSC-RK*200
2 1/2"	HSC-RK*250
3"	HSC-RK*300
4"	HSC-RK*400

1/2"-3/4" repair kit contains:

- (1) body gasket
- (1) plunger O-ring
- (1) spider O-ring

1"-4" repair kit contains:

- (1) body gasket
- (1) plunger O-ring

*V=FKM or E=EPDM

Dimensions

Size	A
1/2"	2.7"
3/4"	2.7"
1"	3.3"
1 1/2"	3.4"
2"	3.4"
2 1/2"	3.4"
3"	3.4"
4"	4.1"



B45BY Series Y - Ball Check Valve

A
3
1447

Sanitary
Fittings



Applications:

- When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow. When the liquid stops, equalizing the pressure, the ball drops back into the seat, preventing backflow. Should reverse flow occur, the differential pressure will cause the ball to seal firmly against the seat preventing leakage.

Materials:

- ball: PTFE
- product contact surfaces: 316L stainless steel

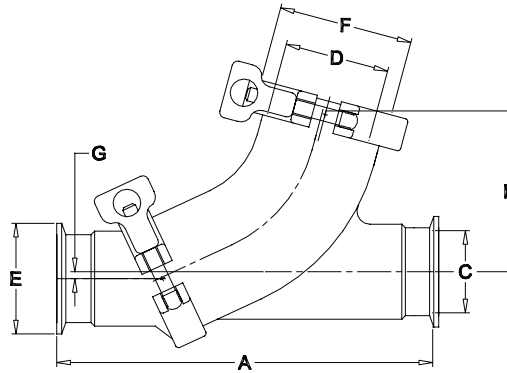
Features:

- two-piece construction
- replaceable seat
- can be serviced in field (no special tools required)

Specifications:

- operating temperature range: 15°F to 200°F (-9°C to 93°C)
- maximum operating pressure: 150 PSI

Dimensions



Valve Size	Clamp & Cap Size	A	B	C	D	E	F	G	Ball Diameter	Weight (lbs)	316L Stainless Steel Part #
1½"	2"	7.50"	3.30"	1.36"	1.87"	1.98"	2.51"	0.16"	1.6"	4.9	B45BY-R150
2"	2½"	8.50"	3.90"	1.86"	2.33"	2.51"	3.04"	0.16"	2.1"	6.6	B45BY-R200
2½"	3"	10.00"	4.50"	2.37"	2.87"	3.04"	3.57"	0.16"	2.7"	10.5	B45BY-R250
3"	4"	11.50"	5.30"	2.87"	3.83"	3.57"	4.68"	0.16"	3.6"	17.5	B45BY-R300

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Repair and Seal Kits

Repair kit contains:

- (1) EPDM cap gasket
- (1) PTFE ball
- (1) EPDM/CF8M seat

Seal kit contains:

- (1) EPDM cap gasket
- (1) EPDM/CF8M seat

FKM seal kit contains:

- (1) FKM cap gasket
- (1) FKM /CF8M seat

Size	Repair Kit Part #	Seal Kit Part #	FKM Seal Kit Part #	Replacement Ball Only Part #
1½"	B45BY-RK150	B45BY-SK150	B45BY-SKV150	B45BY-TB150
2"	B45BY-RK200	B45BY-SK200	B45BY-SKV200	B45BY-TB200
2½"	B45BY-RK250	B45BY-SK250	B45BY-SKV250	B45BY-TB250
3"	B45BY-RK300	B45BY-SK300	B45BY-SKV300	B45BY-TB300

B45 Air Blow Check Valves



Sanitary Fittings

Materials:

- 316L stainless steel
- stem seat and gasket: EPDM

Features:

- Conforms to 3A standards for filtration of air entering tanks or pipelines with optional filter disc
- filter discs sold separately in packs of 50

Specifications:

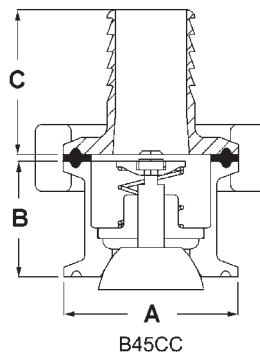
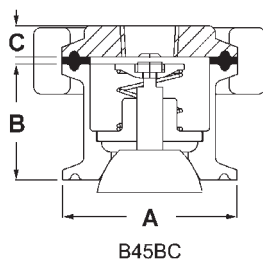
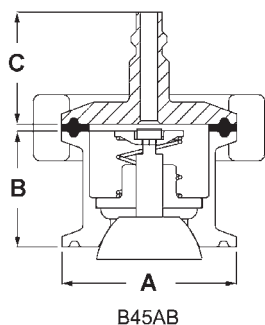
- maximum operating temperature: **212°F (100°C)**
- maximum operating pressure: **145 PSI**

Size	Quick-Connect Plug Part #	Female NPT Part #	Hose Barb Part #
1" - 1½"	B45AB-R100150	B45BC-R100150	B45CC-R100150
2"	B45AB-R200	B45BC-R200	B45CC-R200
2½"	B45AB-R250	B45BC-R250	B45CC-R250
3"	B45AB-R300	B45BC-R300	B45CC-R300
4"	B45AB-R400	B45BC-R400	B45CC-R400



Can be used on the Dixon® B45BY Series Y-Ball Check Valves

Dimensions



Size	A	B	C Plug	C FNPT	C Hose Barb
1"-1½"	1.984"	1.30"	1.26"	.6"	1.7"
2"	2.516"	1.30"	1.26"	.6"	1.7"
2½"	3.047"	1.30"	1.26"	.6"	1.7"
3"	3.579"	1.30"	1.26"	.6"	1.7"
4"	4.682"	1.30"	1.26"	.6"	1.7"

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Repair Kit

- Repair kit, **B45AB-RK**, contains:
- (1) EPDM / 316L stainless perforated disc
 - (1) 304 stainless spring retainer
 - (1) 304 stainless spring
 - (1) nylon stem guide
 - (1) 316L / EPDM stem and plug

Sizing Chart

When using air blow check valves with ball check valves, refer to the sizing chart below.

Ball Check Valve size	Air Blow Check Valve size
1½"	2"
2"	2½"
2½"	3"
3"	4"

Air & Vacuum Relief Tank Vent Valves

Applications:

- When product filling or emptying a tank, this valve is used to relieve pressure or vacuum

Features:

- Triple Action:
 - valve relieves pressure as the fluid level rises while filling a tank
 - valve relieves vacuum as the fluid level drops while emptying a tank
 - seals under equal pressure
- stainless steel screen surrounds the entire vacuum and pressure flow area
- other sanitary connections optional
- 1/4" FNPT connection for gas inlet, plug also supplied
- repair kits available

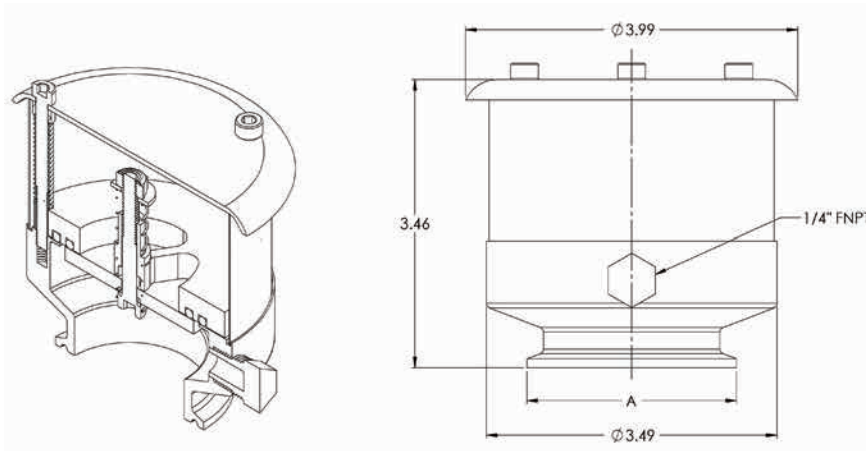
Materials:

- 304 stainless steel, EPDM elastomer

Specifications:

- vacuum break: 2" water column, 0.1 PSI
- pressure relief: 22" water column, 0.8 PSI
- maximum temperature and pressure rating: **3 PSI @ 70°F (21°C)**
- maximum flow rate: 500 GPM

Sanitary Fittings



Tube OD	Dimension A	304 Stainless Steel Part #
2"	2.52"	TVSEC-G200
3"	3.58"	TVSEC-G300
4"	4.68"	TVSEC-G400

! Due to the impossible determination of whether a tank was damaged due to the tank vent or the lack of opening the upper manhole during product transfer, Dixon Sanitary assumes no liability for tank damage or product loss.

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Air & Vacuum Relief Tank Vent Valve

Material:

- light weight, robust PVC and 304 stainless steel construction

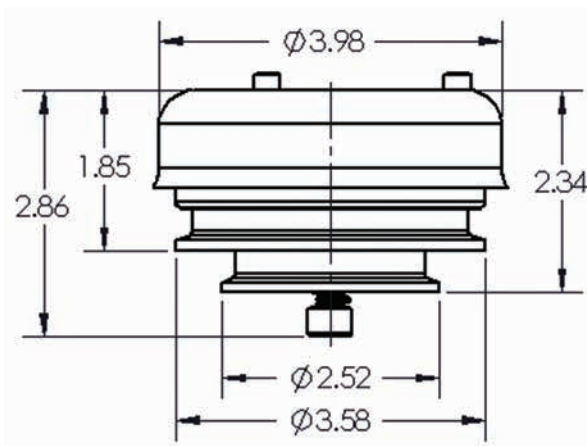
Features:

- dome helps in preventing external contamination
- can use any clamp gasket

Specifications:

- maximum flow rate: 500 GPM
- vacuum break: 0.1 **PSI**
- pressure relief: 0.1 **PSI**

Size	304 Stainless Steel Part #
2" - 3"	TVPC200-300

Dimensions

! Due to the impossible determination of whether a tank was damaged due to the tank vent or the lack of opening the upper manhole during product transfer, Dixon Sanitary assumes no liability for tank damage or product loss.

All dimensions are approximate. Engineering dimensions are available upon request.
Specifications are subject to change without notice.

3A Sample Valves with Manual Handle



1447
Sanitary
Fittings

single port

Applications:

- The 3A sample valve allows easy and safe sampling of liquids from closed systems such as vessels and pipelines.
- These valves are located in the pharmaceutical, bio-pharmaceutical, biochemical, cosmetic, food, dairy and beverage markets.

Features:

- valve body made from solid bar
- no dead space
- drainable
- connections suitable for orbital welding
- available with single or dual ports
- hermetically sealed against environment
- optimum cleanability
- change of seals without special tools
- long life of the PTFE-bellows
- low spare part costs
- options for pneumatic actuator: no lever, with self-closing lever and with lever for open position
- manual actuator (hand wheel)

Materials:

- In product contact: 1.4404/AISI 316L
- Non product contact: 1.4301/AISI 304
- Product contact seals: PTFE bellows
- Surfaces: wetted product surfaces: $R_a \leq 32$ (optional surface finishes available). Non product contact: $R_a \leq 63$

Specifications:

- Closing tension operating pressure: maximum **116 PSI**
- Hand wheel version operating pressure: minimum **87 PSI**, maximum **232 PSI**
- Controlled air pressure: maximum **145 PSI**



double port

Clamp Valve Size	Weld Port Size	Single Port Part #	Dual Port Part #
1/2"	1/4"	BSVS-HC050B025	BSVD-HC050B025
1/2"	3/8"	BSVS-HC050B375	BSVD-HC050B375
1/2"	1/2"	BSVS-HC050B050	BSVD-HC050B050
1" - 1 1/2"	1/4"	BSVS-HC100B025	BSVD-HC100B025
1" - 1 1/2"	3/8"	BSVS-HC100B375	BSVD-HC100B375
1" - 1 1/2"	1/2"	BSVS-HC100B050	BSVD-HC100B050
2"	1/4"	BSVS-HC200B025	BSVD-HC200B025
2"	3/8"	BSVS-HC200B375	BSVD-HC200B375
2"	1/2"	BSVS-HC200B050	BSVD-HC200B050
2 1/2"	1/4"	BSVS-HC250B025	BSVD-HC250B025
2 1/2"	3/8"	BSVS-HC250B375	BSVD-HC250B375
2 1/2"	1/2"	BSVS-HC250B050	BSVD-HC250B050
3"	1/4"	BSVS-HC300B025	BSVD-HC300B025
3"	3/8"	BSVS-HC300B375	BSVD-HC300B375
3"	1/2"	BSVS-HC300B050	BSVD-HC300B050
4"	1/4"	BSVS-HC400B025	BSVD-HC400B025
4"	3/8"	BSVS-HC400B375	BSVD-HC400B375
4"	1/2"	BSVS-HC400B050	BSVD-HC400B050

Electrically Actuated Stainless Steel Ball Valves

2-Piece

Features:

2-Piece Stainless Steel Ball Valve

- body, ends and ball: CF8M stainless
- seats: RTFE
- seals: PTFE
- blow-out proof stem
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, 2½" - 3" **800 PSI WOG**
- temperature range: ½" to 2": **-40°F to 350°F (-40°C to 177°C)**, 3" to 4": **-40°F to 325°F (-40°C to 163°C)**

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- gear train: high alloy steel
- H-insulation class
- visual position indication
- space heater is standard
- temperature range: **-41°F to 140°F (-41°C to 60°C)**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant

Sanitary
Fittings

3-Piece

Features:

3-Piece Stainless Steel Ball Valve

- body and ball: CF8M stainless steel
- stem: 316 stainless steel
- seat: RTFE
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out design allows easy maintenance
- maximum pressure: ¼" - 2" **1,000 PSI WOG** at 65°F, 2½" - 3" **800 PSI WOG** at 65°F, 4" **600 PSI WOG** at 65°F
- temperature range: ½" to 2": **-40°F to 350°F (-40°C to 177°C)**, 3" to 4": **-40°F to 325°F (-40°C to 163°C)**

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- gear train: high alloy steel
- H-insulation class
- visual position indication
- space heater is standard
- temperature range: **-41°F to 140°F (-41°C to 60°C)**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Electrically Actuated Brass Ball Valves

Sanitary
Fittings**Features:****2-Piece Brass Ball Valve**

- ½" to 2" brass; 3" bronze
- elastomers: FKM
- stem: blow-out proof brass
- seats: PTFE with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI WOG, 150 PSI WOG**
- maximum temperature: **300°F (149°C)**

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- gear train: high alloy steel
- H-insulation class
- visual position indication
- space heater is standard
- temperature range: **-41°F to 140°F (-41°C to 60°C)**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant

A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Electrically Actuated 3-Way Ball Valves - 'T / L' Port

3-Way Stainless Steel

Features:**3-Way Stainless Steel Ball Valve**

- body and ball: CF8M stainless steel
- seats and seals: RTFE
- full port with FNPT ends
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- working pressure: ¼" to 1": **1000 PSI WOG**; 1¼" to 2": **800 PSI WOG**
- maximum temperature: **350°F (177°C)**

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- gear train: high alloy steel
- H-insulation class
- visual position indication
- space heater is standard
- temperature range: **-41°F to 140°F (-41°C to 60°C)**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant

Sanitary
Fittings

3-Way Brass

Features:**3-Way Brass Ball Valve**

- body: brass
- seats: PTFE with O-ring backing
- reduced port ball valves with FNPT ends
- blow-out proof stem
- ISO 5211 mounting pad
- pressure rating: **400 PSI WOG, 100 PSI WSP**
- maximum temperature: **300°F (149°C)**

Electric Actuator

- housing: lightweight powder coated aluminum alloy
- NEMA 4/4X waterproof and dustproof
- gear train: high alloy steel
- H-insulation class
- visual position indication
- space heater is standard
- temperature range: **-41°F to 140°F (-41°C to 60°C)**
- ISO 9001, CS, CE and CSA-C US Certified
- RoHS compliant



A flow path needs to be selected at time of order. See page 651 for flow path options.

Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.

A wide variety of options are available: voltages, modulating, extra switches, transmitters, potentiometer, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Pneumatically Actuated Stainless Steel Ball Valves

2-Piece

Features:

3-Piece Stainless Steel Ball Valve

- body, ends and ball: CF8M stainless
- seats: RTFE
- seals: PTFE
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- pressure rating: ¼" - 2" **1000 PSI WOG**, 2½" - 3" **800 PSI WOG**
- temperature range: ¼" to 2": **-40°F to 350°F (-40°C to 177°C)**, 2½" to 3": **-40°F to 325°F (-40°C to 163°C)**

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated anti-blowout pinion
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- **80 PSI** plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F (-40°C to 93°C)**
- tested to one million cycles
- for spring return actuators must note fail position

Sanitary Fittings



3-Piece

Features:

3-Piece Stainless Steel Ball Valve

- body and ball: CF8M stainless steel
- stem: 316 stainless steel
- seat: RTFE
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- swing out design allows easy maintenance
- maximum pressure: ¼" - 2" **1,000 PSI WOG** at 65°F, 2½" - 3" **800 PSI WOG** at 65°F, 4" **600 PSI WOG** at 65°F
- temperature range: ½" to 2" **-40°F to 350°F (-40°C to 177°C)**, 3" to 4": **-40°F to 325°F (-40°C to 163°C)**

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- 80 PSI plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F (-40°C to 93°C)**
- tested to one million cycles
- for spring return actuators must note fail position



A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Pneumatically Actuated Brass Ball Valves

Features:**2-Piece Brass Ball Valve**

- body: ¼ " to 2" brass, 2½" - 4" bronze
- seats: PTFE
- ends: FNPT
- brass ball
- FKM elastomers
- blow-out proof stem
- PTFE seats with double O-ring stem packing
- ISO 5211 mounting pad
- pressure rating: - **600 PSI WOG, 150 PSI WSP**
- maximum temperature: **300°F (149°C)**

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for $\pm 5^\circ$ travel adjustment
- 80 PSI plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F (-40°C to 93°C)**
- tested to one million cycles
- for spring return actuators must note fail position

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application.

For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.

Sanitary
Fittings

Pneumatically Actuated 3-Way Stainless Steel Ball Valves - 'T / L' Port

Sanitary Fittings



Features:

3-Way Stainless Steel Ball Valve

- full port ball valves with FNPT ends
- body and ball: CF8M stainless steel
- seats and seals: RTFE
- blow-out proof stem
- live-loaded stem packing
- ISO 5211 mounting pad
- working pressure: ¼" to 1": **1000 PSI WOG**; 1¼" to 2": **800 PSI WSP**
- maximum temperature: **350°F (177°C)**

Rack and Pinion Actuator

- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- NAMUR mounting
- bi-directional stops for ±5° travel adjustment
- 80 PSI plant air required
- visual position indication
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F (-40° to 93°C)**
- tested to one million cycles
- for spring return actuators must note fail position

- A flow path needs to be selected at time of order. See page 651 for flow path options.
- Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Pneumatically Actuated 3-Way Brass Ball Valves - 'T / L' Port

Features:**3-Way Brass Ball Valve**

- reduced port brass ball valves with FNPT ends
- blow-out proof stem
- body: brass
- seats: PTFE with O-ring backing
- ball: chrome-plated brass
- PTFE seats with O-ring backing for low operating torque
- ISO 5211 mounting pad
- pressure rating: **400 PSI WOG 100 PSI WSP**
- maximum temperature: **300°F (149°C)**

Rack and Pinion Actuator

- body: hard anodized aluminum
 - anti-blowout pinion: nickel plated
 - O-rings: Buna-N
 - NAMUR mounting
 - bi-directional stops for $\pm 5^\circ$ travel adjustment
 - 80 PSI plant air required
 - visual position indication
 - maximum operating pressure: **120 PSI**
 - temperature range: **-40°F to 200°F (-40°C to 93°C)**
 - tested to one million cycles
 - for spring return actuators must note fail position
- A flow path needs to be selected at time of order. See page 651 for flow path options.
 - Customer verification is critical. If flow path needs to be changed after being shipped, labor and shipping charges will apply.

Sanitary
Fittings

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic affect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon® when dealing with these types of applications.



Pneumatically Actuated Wafer Butterfly Valves

Rack and Pinion Actuator

Features:

- bi-directional stops for $\pm 5^\circ$ travel adjustment
- **80 PSI** plant air required
- body: hard anodized aluminum
- anti-blowout pinion: nickel plated
- O-rings: Buna-N
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to 200°F (-40°C to 93°C)**
- Namur mounting
- visual position indication
- tested to 1 million cycles
- for spring return actuators must note fail position

Wafer



Features:

- installs between standard ANSI Class 150# flanges
- seat backing ring ensures blow-out proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- body with extended neck: ductile iron
- disc: nickel plated ductile iron
- replaceable seat: EPDM
- no taper pins
- can be serviced in the field
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F (-29°C to 121°C)**
- a wide variety of seat, disc and body materials are available

Lug



Features:

- installs between standard ANSI Class 150# flanges
- seat backing ring ensures blow-out proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- body with extended neck: ductile iron
- disc: nickel plated ductile iron
- replaceable seat: EPDM
- no taper pins
- can be serviced in the field
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F (-29°C to 121°C)**
- a wide variety of seat, disc and body materials are available

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon Sanitary at 800.789.1718.



BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Flow Paths

Sanitary
Fittings

3-way 'L'-port
position A



3-way 'L'-port
position B



3-way 'L'-port
position C



3-way 'T'-port
position A



3-way 'T'-port
position B



3-way 'T'-port
position C



3-way 'T'-port
position D



4-way 'L'-port
position A



4-way 'L'-port
position B



4-way 'L'-port
position C



4-way 'L'-port
position D



4-way 'T'-port
position A



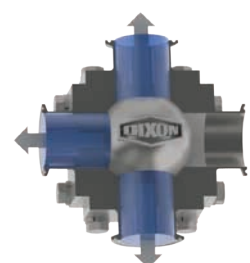
4-way 'T'-port
position B



4-way 'T'-port
position C



4-way 'T'-port
position D



Actuated Valve Accessories

Limit Switches

Features:

- visual position indicator
- 3D open/close indication
- quick-set cam
- mechanical SPDT switches (standard)
- multipoint terminal strip
- various switch options available
- cable entry: (2) 1/2" NPT

Enclosures available:

NEMA 4 4/X

- water and dust tight for indoor or outdoor use
- corrosion resistant

NEMA 7

- water and dust tight for indoor or outdoor use
- corrosion resistant
- for use in indoor hazardous locations
- explosion proof



XLS-B4A0120P

Enclosure	Part #
NEMA 4/4X	XLS-B4A0120P
NEMA 7	XLS-C7A0120P

Solenoids

Features:

- pressure range: **30 PSI to 150 PSI**
- duty cycle: 100% extended duty
- voltages available: 12VDC, 24VDC, 24VAC, 48VAC, 110VAC, 220VAC
- electroless nickel plated spool
- easy-to-use manual override
- port sizes: inlet and exhaust 1/4" NPT
- NEMA 4 4/X Enclosure
 - water and dust tight for indoor or outdoor use
 - corrosion resistant



Description	Voltage	Part #
single coil	115VAC	XSO-4S4D-0A
single coil	24VDC	XSO-4S4B-0A
dual coil	115VAC	XSO-4D4D-0A
dual coil	24VDC	XSO-4D4B-0A

Positioners

Features:

- air capacity:
 - at 29 PSI (200kPa): 9.5 SCFM
 - at 87 PSI (600kPa): 28.3 SCFM
 - at 145 PSI (1MPa): 47.1 SCFM
 - air connections: 1/4" NPT
 - gauges: 1/8" NPT
 - cable entry: 1/2" NPT
- Electro-Pneumatic
- input range: 4-20mA (Ri<250ohms)
 - supply pressure: 21.8 to 145 PSI (0.15 to 1MPa)
 - linearity error: <1.0% f.s
 - hysteresis: <0.6% f.s
 - repeatability: <0.5% f.s
- Pneumatic
- input range: 3 to 15 PSI (20-100kPa)
 - supply pressure: < 145 PSI (<1MPa)
 - linearity error: <0.7% f.s
 - hysteresis: <0.4% f.s
 - repeatability: <0.3% f.s



Positioner Type	Part #
Electro-Pneumatic	XPO-E4F
Pneumatic	XPO-P4F

Sanitary Fittings

J

Threaded Pipe Fittings 654 to 680	Pipe Couplings 686 to 687
NPT threaded bell reducers..... 654 to 655	Straub Grip-L..... 686
Adapters 655	Straub Open-Flex 687
NPT threaded couplings - both ends 656	Flanges & Flange Adapters 688 to 689
Merchant couplings 656	150 lb. ASA..... 688 to 689
Threaded unions..... 657	King™ turned back weld-to-metal hose nipples 689
NPT threaded reducing union..... 657	Grooved Fittings 690 to 702
Hex couplings..... 657	Quick release..... 690
Reducer hex bushings..... 658 to 659	Standard couplings..... 691
Adapters 659	Lightweight flexible 692
Nipples..... 660 to 663	Lite® couplings 693
Pipe..... 660, 661	Rigid couplings 694
Adapters..... 660, 663	Bolted clamps 695
Close..... 661 to 662	Painted iron clamps with Baylast™ gaskets..... 695
Hex..... 662	Mechanical tees..... 696
90° Elbows 664 to 666	Flange adapters..... 697
NPT threaded..... 664, 665	ANSI split flange 697
Female pipe 664	Reducing adapters 697
NPT threaded reducing..... 665	End fittings..... 698
Street 665	Caps 699
NPT threaded street..... 666	Nipples..... 699
45° Elbows 667	Butterfly valves 699
Tees 668 to 670	Gaskets 700
NPT threaded female..... 668	Accessories 701
Female extruded 668	High density polyethylene couplings 702
Reducing tees 669	Line Strainers 703
Street service 669	Y line..... 703
Bull head 669	Polypropylene T line 703
Side outlet..... 669	LP Gas Fittings..... 704 to 706
Street 670	Adapters 704
Male branch 670	Couplings..... 705
Crosses 670	Gaskets 705
Caps 671	Spanner wrench 705
Plugs..... 672	Caps and plugs..... 706
Schedule 80 plastic fittings 673 to 676	Tube Fittings 707 to 730
Tuff-Lite™ plastic fittings 673 to 676	Instrumentation..... 707 to 710
Bulkhead..... 677	Compression 711 to 716
Bolted fittings..... 678	Brass SAE 45° flare..... 717 to 719
Swage nipples 679	Flareless bite 720 to 722
Bull plugs..... 680	Sharkbite® push to connect 723 to 724
Hammer Unions 681 to 683	LIQUIfit™ 725 to 728
Series 100, 200, 206, 400, 602, 1002, 1502 681 to 683	TrueSeal™ ball valves..... 729 to 730
Hookie hook hose lifters 683	
Weld to Metal Hose Fittings 684	
Wrench Grips..... 685	

NPT Threaded Bell Reducers

Features:

- other sizes available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/4"	1/8"	---	BR1418	---
3/8"	1/8"	---	BR3818	---
	1/4"	---	BR3825	---
1/2"	1/4"	300BR5025	BR5025	BR5025G
	3/8"	---	BR5038	BR5038G
3/4"	1/4"	---	BR7525	---
	3/8"	---	BR7538	---
	1/2"	300BR7550	BR7550	BR7550G
1"	1/4"	---	BR1025	---
	3/8"	---	BR1038	---
	1/2"	---	BR1050	BR1050G
	3/4"	300BR1075	BR1075	BR1075G
1 1/4"	1/2"	---	BR1250	---
	3/4"	---	BR1275	---
	1"	300BR1210	BR1210	BR1210G
1 1/2"	3/4"	---	BR1575	---
	1"	300BR1510	BR1510	BR1510G
	1 1/4"	300BR1512	BR1512	BR1512G
2"	3/4"	---	BR2075	---
	1"	300BR2010	BR2010	BR2010G
	1 1/4"	300BR2012	BR2012	---
	1 1/2"	300BR2015	BR2015	BR2015G
2 1/2"	1"	---	BR2510	---
	1 1/2"	---	BR2515	---
	2"	---	BR2520	BR2520G
3"	1"	---	BR3010	---
	1 1/4"	---	BR3012	---
	1 1/2"	---	BR3015	---
	2"	---	BR3020	BR3020G
	2 1/2"	---	BR3025	BR3025G
4"	1"	---	BR4010	---
	1 1/2"	---	BR4015	---
	2"	---	BR4020	---
	2 1/2"	---	BR4025	---
	3"	---	BR4030	BR4030G
6"	3"	---	BR6030	---
	4"	---	BR6040	---



300# iron



150# iron



150# galvanized iron

- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Bell Reducers

Features:

- other sizes available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	Female NPT	150# 316 Stain. Steel Part #	3000# Forged Steel Part #	125# Brass Part #
1/4"	1/8"	---	---	---
3/8"	1/8"	---	---	---
	1/4"	BR3825SS	---	---
1/2"	1/4"	BR5025SS	---	---
	3/8"	BR5038SS	BR5038FS	BR5038B¹
3/4"	3/8"	BR7538SS	---	3771206C
	1/2"	BR7550SS	BR7550FS	BR7550B¹
1"	1/2"	BR1050SS	---	BR1050B
	3/4"	BR1075SS	BR1075FS	BR1075B
1 1/4"	1"	BR1210SS	---	BR1210B
1 1/2"	3/4"	---	---	BR1575B
	1"	BR1510SS	BR1510FS	BR1510B
	1 1/4"	BR1512SS	BR1512FS	---
2"	1"	BR2010SS	BR2010FS	BR2010B
	1 1/2"	BR2015SS	BR2015FS	BR2015B
2 1/2"	2"	---	---	BR2520B
3"	2"	BR3020SS	---	BR3020B
4"	3"	---	---	BR4030B

¹ items will be discontinued as stock is depleted



150# 316 stainless steel



3000# forged steel



125# brass

Pipe, Welding & Tube Fittings

Adapters
Reducer Couplings

Feature:

- ref SAE 130138

Female NPTF	Brass		Optional Qty	Lead Free Brass ^{1,2,3}
	Previous Part #	Part #		Part #
1/4" x 1/8"	RC2F1F	3770402C	50	---
3/8" x 1/8"	RC3F1F	3770602C	50	---
3/8" x 1/4"	RC3F2F	3770604C	50	---
1/2" x 1/4"	RC4F2F	3770804C	25	---
1/2" x 3/8"	RC4F3F	3770806C	10	3770806CLF
3/4" x 3/8"	RC6F3F	3771206C	10	---
3/4" x 1/2"	RC6F4F	3771208C	10	3771208CLF



¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
³ NPT threads

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Couplings



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



125# brass

Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/8"	---	RHC18	RHC18G
1/4"	300RHC25	RHC25	RHC25G
3/8"	300RHC38	RHC38	RHC38G
1/2"	300RHC50	RHC50	RHC50G
3/4"	300RHC75	RHC75	RHC75G
1"	300RHC100	RHC100	RHC100G
1 1/4"	300RHC125	RHC125	RHC125G
1 1/2"	300RHC150	RHC150	RHC150G
2"	300RHC200	RHC200	RHC200G
2 1/2"	---	RHC250	---
3"	---	RHC300	RHC300G
4"	---	RHC400	RHC400G
5"	---	RHC500	---
6"	---	RHC600	---

Female NPT	150# 316 Stain.Steel Part #	3000# Forged Steel Part #	125# Brass Part #
1/4"	RHC25SS	RHC25FS	RHC25B
3/8"	RHC38SS	RHC38FS	RHC38B
1/2"	RHC50SS	RHC50FS	RHC50B
3/4"	RHC75SS	RHC75FS	RHC75B
1"	RHC100SS	RHC100FS	RHC100B
1 1/4"	RHC125SS	RHC125FS	RHC125B
1 1/2"	RHC150SS	RHC150FS	RHC150B
2"	RHC200SS	RHC200FS	RHC200B
3"	RHC300SS	---	---
4"	RHC400SS	---	---

Merchant Couplings

- other sizes are also available, consult Dixon® for pricing



Female NPSM	Black Iron Part #
1/4"	MRCH25
3/8"	MRCH38
1/2"	MRCH50
3/4"	MRCH75
1"	MRCH100
1 1/4"	MRCH125
1 1/2"	MRCH150
2"	MRCH200
3"	MRCH300¹

¹ has female NPT thread

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Unions

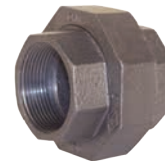
Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/8"	---	MIU18	---
1/4"	---	MIU25	---
3/8"	---	MIU38	TUN038G
1/2"	300MIU50	MIU50	TUN050G
3/4"	300MIU75	MIU75	TUN075G
1"	300MIU100	MIU100	TUN100G
1 1/4"	---	MIU125	TUN125G
1 1/2"	300MIU150	MIU150	TUN150G
2"	---	MIU200	TUN200G
2 1/2"	---	MIU250	---
3"	300MIU300	MIU300	---
4"	---	MIU400	---



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



brass

Female NPT	150# 316 Stainless Steel Part #	3000# Forged Steel Part #	125# Brass Part #
1/4"	TUN025SS	---	TUN2F
3/8"	TUN038SS	---	TUN3F
1/2"	TUN050SS	TUN050FS	TUN4F
3/4"	TUN075SS	TUN075FS	TUN5F
1"	TUN100SS	TUN100FS	TUN6F
1 1/4"	TUN125SS	---	TUN7F
1 1/2"	TUN150SS	TUN150FS	TUN8F
2"	TUN200SS	TUN200FS	TUN9F

Pipe, Welding & Tube Fittings

NPT Threaded Reducing Union

Female NPT	Female NPT	150# Iron Part #
3/4"	1/2"	MIRU7550



K

Female Hex Couplings

Feature:

- ref SAE 130138

NPTF	Brass		Pkg Qty	Lead Free Brass ^{1,2,3}
	Previous Part #	Part #		Part #
1/8" x 1/8"	BA1F1F	3710202C	25	3710202CLF
1/4" x 1/4"	BA2F2F	3710404C	25	3710404CLF
3/8" x 3/8"	BA3F3F	3710606C	25	3710606CLF
1/2" x 1/2"	BA4F4F	3710808C	25	3710808CLF
3/4" x 3/4"	BA6F6F	3711212C	10	---



¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
³ NPT threads

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Reducer Hex Bushings



150# iron



150# galvanized iron

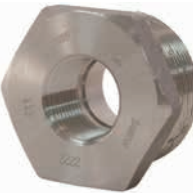


150# 316 stainless steel

Male NPT	Female NPT	150# Iron Part #	150# Galvanized Iron Part #	150# 316 Stainless Steel Part #
1/4"	1/8"	HB2518	HB2518G	HB2518SS
3/8"	1/8"	HB3818	---	---
	1/4"	HB3825	HB3825G	HB3825SS
1/2"	1/8"	HB5018	---	---
	1/4"	HB5025	HB5025G	HB5025SS
	3/8"	HB5038	HB5038G	HB5038SS
3/4"	1/8"	HB7518	---	---
	1/4"	HB7525	HB7525G	HB7525SS
	3/8"	HB7538	HB7538G	HB7538SS
	1/2"	HB7550	HB7550G	HB7550SS
1"	1/8"	HB1018	---	---
	1/4"	HB1025	HB1025G	HB1025SS
	3/8"	HB1038	HB1038G	HB1038SS
	1/2"	HB1050	HB1050G	HB1050SS
	3/4"	HB1075	HB1075G	HB1075SS
1 1/4"	1/2"	HB1250	---	---
	3/4"	HB1275	---	HB1275SS
	1"	HB1210	HB1210G	HB1210SS
1 1/2"	1/2"	HB1550	---	---
	3/4"	HB1575	HB1575G	HB1575SS
	1"	HB1510	HB1510G	HB1510SS
	1 1/4"	HB1512	HB1512G	HB1512SS
2"	1/2"	HB2050	HB2050G	---
	3/4"	HB2075	HB2075G	HB2075SS
	1"	HB2010	HB2010G	HB2010SS
	1 1/4"	HB2012	HB2012G	HB2012SS
	1 1/2"	HB2015	HB2015G	HB2015SS
2 1/2"	1 1/2"	HB2515	---	---
	2"	HB2520	HB2520G	HB2520SS
3"	1"	HB3010	---	---
	1 1/2"	HB3015	---	---
	2"	HB3020	HB3020G	HB3020SS
	2 1/2"	HB3025	---	HB3025SS
4"	1"	HB4010	---	---
	1 1/2"	HB4015	---	---
	2"	HB4020	HB4020G	HB4020SS
	2 1/2"	HB4025	---	---
	3"	HB4030	HB4030G	HB4030SS
5"	4"	HB5040	---	---
6"	3"	HB6030	---	---
	4"	HB6040	---	---

Male NPT	Female NPT	3000# Forged Steel Part #	125# Brass Part #
1/4"	1/8"	HB2518FS	---
3/8"	1/8"	---	---
	1/4"	HB3825FS	---
1/2"	1/8"	---	---
	1/4"	HB5025FS	---
	3/8"	HB5038FS	---
3/4"	1/8"	---	---
	1/4"	HB7525FS	---
	3/8"	HB7538FS	---
	1/2"	HB7550FS	---
1"	1/4"	HB1025FS	---
	3/8"	HB1038FS	---
	1/2"	HB1050FS	---
	3/4"	HB1075FS	---
1 1/4"	3/4"	HB1275FS	---
	1"	HB1210FS	HB1210B
1 1/2"	3/4"	HB1575FS	HB1575B
	1"	HB1510FS	HB1510B
	1 1/4"	HB1512FS	HB1512B
2"	1/2"	---	HB2050B
	3/4"	HB2075FS	HB2075B
	1"	HB2010FS	HB2010B
	1 1/4"	HB2012FS	HB2012B
	1 1/2"	HB2015FS	HB2015B
2 1/2"	1 1/2"	---	HB2515B
	2"	HB2520FS	HB2520B
3"	2"	HB3020FS	HB3020B
	2 1/2"	HB3025FS	HB3025B
4"	2"	---	HB4020B
	3"	HB4030FS	HB4030B

• For additional information on pipe dimensions please reference dixonvalve.com.



3000# forged steel



125# brass

Reducer Hex Bushings

Feature:

- ref SAE 130140

Female NPTF	Male NPTF	Brass		Optional Qty	Lead Free Brass ^{2,3,4} Part #
		Previous Part #	Part #		
1/8"	1/4"	HB1F2M	3730402C	100	3730402CLF
1/8"	3/8"	HB1F3M	3730602C	100	---
1/4"		HB2F3M	3730604C	100	3730604CLF
1/8"	1/2"	HB1F4M	3730802C	25	---
1/4"		HB2F4M	3730804C	50	3730804CLF
3/8"		HB3F4M	3730806C	50	3730806CLF
1/8"	3/4"	HB1F6M	3731202C ¹	25	---
1/4"		HB2F6M	3731204C	25	---
3/8"		HB3F6M	3731206C	25	---
1/2"		HB4F6M	3731208C	25	3731208CLF
1/4"	1"	HB2F8M	3731604C ¹	10	---
3/8"		HB3F8M	3731606C ¹	10	---
1/2"		HB4F8M	3731608C	10	---
3/4"		HB6F8M	3731612C	10	---

¹ SAE does not provide a standard for these sizes

² lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

³ conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

⁴ NPT threads



Pipe, Welding & Tube Fittings

Adapters

Female NPTF x Male NPTF

Feature:

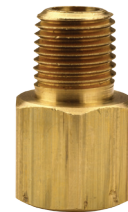
- ref SAE 130139

Female NPTF	Male NPTF	Brass		Optional Qty	Lead Free Brass ^{1,2,3} Part #
		Previous Part #	Part #		
1/8"	1/8"	RA1F1M	3750202C	100	---
1/4"	1/4"	RA2F1M	3750402C	50	3750402CLF
		RA2F2M	3750404C	50	3750404CLF
3/8"	1/8"	RA3F1M	3750602C	50	---
	1/4"	RA3F2M	3750604C	50	3750604CLF
	3/8"	RA3F3M	3750606C	50	---
1/2"	1/4"	RA4F2M	3750804C	25	---
	3/8"	RA4F3M	3750806C	25	---
	1/2"	RA4F4M	3750808C	25	3750808CLF
3/4"	3/8"	RA6F3M	3751206C	10	---
	1/2"	RA6F4M	3751208C	10	---
	3/4"	RA6F6M	3751212C	10	3751212CLF

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

³ NPT threads



Pump Adapters

Features:

- used to convert BSP pump outlets to NPT
- hard-coated, extruded 6061-T6 aircraft aluminum alloy
- other sizes, configurations are available, contact Dixon®

Female BSP	Male NPT	Aluminum Part #
1 1/2"	1 1/2"	AHA15BSP15T
2"	2"	AHA20BSP20T
2 1/2"	2 1/2"	AHA25BSP25T
3"	3"	AHA30BSP30T
4"	4"	AHA40BSP40T



- For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Nipples

Long Pipe Nipples

- carbon steel and stainless steel nipples are available on page 661



NPT	Length	Brass		Optional Qty	Lead Free Brass ^{1,2} Part #
		Previous Part #	Part #		
1/8"	1 1/2"	166-0215	1660215C	25	---
	2"	166-0220	1660220C	25	---
	2 1/2"	166-0225	1660225C	25	---
	3"	166-0230	1660230C	25	1660230CLF
	3 1/2"	166-0235	1660235C	10	---
	4"	166-0240	1660240C	10	1660240CLF
1/4"	1 1/2"	166-0415	1660415C	25	1660415CLF
	2"	166-0420	1660420C	25	1660420CLF
	2 1/2"	166-0425	1660425C	25	---
	3"	166-0430	1660430C	25	1660430CLF
	3 1/2"	166-0435	1660435C	10	---
	4"	166-0440	1660440C	10	1660440CLF
3/8"	1 1/2"	166-0615	1660615C	25	1660615CLF
	2"	166-0620	1660620C	25	1660620CLF
	2 1/2"	166-0625	1660625C	10	1660625CLF
	3"	166-0630	1660630C	10	1660630CLF
	3 1/2"	166-0635	1660635C	10	---
	4"	166-0640	1660640C	5	1660640CLF
1/2"	1 1/2"	166-0815	1660815C	10	1660815CLF
	2"	166-0820	1660820C	10	---
	2 1/2"	166-0825	1660825C	10	---
	3"	166-0830	1660830C	10	---
	3 1/2"	166-0835	1660835C	10	---
	4"	166-0840	1660840C	5	---
3/4"	2"	166-1220	1661220C	5	---
	2 1/2"	166-1225	1661225C	5	---
	3"	166-1230	1661230C	5	---
	3 1/2"	166-1235	1661235C	5	---
1"	2"	---	TN100X2B	---	---
	3"	---	TN100X3B	---	---
	4"	---	TN100X4B	---	---
1 1/2"	2"	---	TN150X2B	---	---
	3"	---	TN150X3B	---	---
2"	3"	---	TN200X3B	---	---
	4"	---	TN200X4B	---	---
	6"	---	TN200X6B	---	---

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

Female NPTF x Male NPSM Adapters



Female NPTF	Male NPSM	Brass		Optional Qty
		Previous Part #	Part #	
1/4"	1/4"	174-0404	1740404C	100
3/8"	3/8"	174-0606	1740606C	50
1/2"	1/2"	174-0808	1740808C	50

- For additional information on pipe dimensions please reference dixonvalve.com.

Pipe Nipples - Threaded Both Ends

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design
- brass nipples are available, see page 666
- other lengths are also available, consult Dixon® for pricing

Note: do not use pipe nipples as hose inserts. 

Male NPT	Overall Length	Carbon Steel Part #	316 Stainless Steel Part #
1/4"	2"	TN025X2	---
	6"	---	TN025X6SS
3/8"	2"	TN038X2	---
	4"	TN038X4	---
	6"	TN038X6	---
1/2"	2"	TN050X2	TN050X2SS
	3"	TN050X3	TN050X3SS
	4"	TN050X4	TN050X4SS
	6"	TN050X6	TN050X6SS
3/4"	2"	TN075X2	TN075X2SS
	3"	TN075X3	TN075X3SS
	4"	TN075X4	TN075X4SS
	6"	TN075X6	TN075X6SS
1"	2"	TN100X2	TN100X2SS
	3"	TN100X3	TN100X3SS
	4"	TN100X4	TN100X4SS
	6"	TN100X6	TN100X6SS
1 1/4"	2"	TN125X2	TN125X2SS
	3"	TN125X3	TN125X3SS
	4"	TN125X4	TN125X4SS
	6"	TN125X6	TN125X6SS
1 1/2"	2"	TN150X2	TN150X2SS
	3"	TN150X3	TN150X3SS
	4"	TN150X4	TN150X4SS
	6"	TN150X6	TN150X6SS
2"	3"	TN200X3	TN200X3SS
	4"	TN200X4	TN200X4SS
	5"	TN200X5	TN200X5SS
	6"	TN200X6	TN200X6SS
	8"	TN200X8	---
3"	3"	TN300X3	TN300X3SS
	4"	TN300X4	TN300X4SS
	6"	TN300X6	TN300X6SS
4"	4"	TN400X4	TN400X4SS
	6"	TN400X6	TN400X6SS
	8"	TN400X8	---
6"	6"	TN600X6	---
	8"	TN600X8	---



carbon steel



stainless steel

Close Pipe Nipples

NPT	Brass		Optional Qty	Lead Free Brass ^{1,2}
	Previous Part #	Part #		Part #
1/8"	165-0202	1650202C	50	1650202CLF
1/4"	165-0404	1650404C	50	1650404CLF
3/8"	165-0606	1650606C	100	1650606CLF
1/2"	165-0808	1650808C	25	1650808CLF
3/4"	165-1212	1651212C	25	1651212CLF
1"	165-1616	1651616C	25	---
1 1/2"	---	CN150B	5	---
2"	---	CN200B	5	---
3"	---	CN300B	5	---



¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

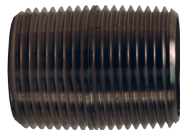
² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

• For additional information on pipe dimensions please reference dixonvalve.com.

Close Nipples

Features:

- made from schedule 40 welded pipe
- male NPT x male NPT design



Male NPT	Overall Length	Carbon Steel Part #	Galvanized Part #	316 Stainless Steel Part #	Optional Qty
1/8"	3/4"	---	---	CN012SS	1
1/4"	7/8"	CN025	CN025G	CN025SS	25
3/8"	1"	CN037	---	CN037SS	25
1/2"	1 1/8"	CN050	CN050G	CN050SS	10
3/4"	1 3/8"	CN075	CN075G	CN075SS	10
1"	1 1/2"	CN100	CN100G	CN100SS	10
1 1/4"	1 5/8"	CN125	---	---	10
1 1/2"	1 3/2"	CN150	CN150G	CN150SS	10
2"	2"	CN200	CN200G	CN200SS	10
2 1/2"	2 1/2"	CN250	---	---	--
3"	2 5/8"	CN300	CN300G	CN300SS	1
4"	2 3/4"	CN400	---	CN400SS	5
6"	3 1/8"	CN600	---	---	--

Hex Nipples

Feature:

- ref SAE 130137



NPTF	Brass		Optional Qty	Lead Free Brass ^{1,2,3} Part #
	Previous Part #	Part #		
1/8" x 1/8"	BCN12	3700202C	100	3700202CLF
1/4" x 1/4"	BCN25	3700404C	100	3700404CLF
3/8" x 3/8"	BCN37	3700606C	50	3700606CLF
1/2" x 1/2"	BCN50	3700808C	25	3700808CLF
3/4" x 3/4"	BCN75	3701212C	20	---
1" x 1"	BCN100	3701616C	10	---

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

³ NPT threads

Straight Hex Nipples



Male NPT	316 Stainless Steel Part #
3/8"	HN38SS
1/2"	HN50SS
3/4"	HN75SS
1"	HN100SS
1 1/2"	HN150SS
2"	HN200SS

Reducer Hex Nipples

Feature:

- ref SAE 130137



Male NPTF	Brass		Optional Qty
	Previous Part #	Part #	
1/4" x 1/8"	HN2M1M	3790402C	100
3/8" x 1/8"	HN3M1M	3790602C	50
3/8" x 1/4"	HN3M2M	3790604C	50
1/2" x 1/4"	HN4M2M	3790804C	50
1/2" x 3/8"	HN4M3M	3790806C	50
3/4" x 1/2"	HN6M4M	3791208C	25



Male NPT	Male NPT	316 Stainless Steel Part #
3/8"	1/4"	RHN3825SS
1/2"	3/8"	RHN5038SS
3/4"	1/2"	RHN7550SS

Note: do not use pipe nipples as hose inserts.



- For additional information on pipe dimensions please reference dixonvalve.com.

Adapters

Ball Seat to Male Pipe

NPSM	NPTF	Brass		Optional Qty
		Previous Part #	Part #	
1/8"	1/8"	BSM11	1720202C	100
1/4"	1/8"	BSM21	1720402C	100
	1/4"	BSM22	1720404C	100
3/8"	1/4"	BSM32	1720604C	100
	3/8"	BSM33	1720606C	50
	1/2"	BSM34	1720608C	50
1/2"	3/8"	BSM43	1720806C	50
	1/2"	BSM44	1720808C	50
3/4"	3/4"	BSM66	1721212C	25



Pipe, Welding
& Tube Fittings

Male Unions

NPSM	NPSM	Brass		Pkg Qty
		Previous Part #	Part #	
1/8"	1/8"	176-0202	1760202C	100
1/4"	1/4"	176-0404	1760404C	100
3/8"	3/8"	176-0606	1760606C	100
1/2"	1/2"	176-0808	1760808C	50



• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded 90° Elbows



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



2000# forged steel



125# brass

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/8"	---	EL9018	EL9018G
1/4"	300EL9025	EL9025	EL9025G
3/8"	300EL9038	EL9038	EL9038G
1/2"	300EL9050	EL9050	EL9050G
3/4"	300EL9075	EL9075	EL9075G
1"	300EL90100	EL90100	EL90100G
1 1/4"	300EL90125	EL90125	EL90125G
1 1/2"	300EL90150	EL90150	EL90150G
2"	300EL90200	EL90200	EL90200G
2 1/2"	---	EL90250	---
3"	---	EL90300	EL90300G
4"	---	EL90400	EL90400G
5"	---	EL90500	---
6"	---	EL90600	---

Female NPT	150# 316 Stain. Steel Part #	2000# Forged Steel Part #	125# Brass Part #
1/8"	EL9018SS	---	---
1/4"	EL90025SS	EL9025FS	---
3/8"	EL90038SS	EL9038FS	---
1/2"	EL90050SS	EL9050FS	---
3/4"	EL90075SS	EL9075FS	---
1"	EL90100SS	EL90100FS	EL90100B
1 1/4"	EL90125SS	EL90125FS	---
1 1/2"	EL90150SS	EL90150FS	EL90150B
2"	EL90200SS	EL90200FS	EL90200B
3"	EL90300SS	---	---
4"	EL90400SS	---	---

90° Female Pipe Elbows

Feature:

- ref SAE 130238



brass



lead free brass

Female NPTF	Extruded Brass		Optional Qty	Forged Lead Free Brass ^{1, 2, 3}
	Previous Part #	Part #		Part #
1/8"	EL1F1F	302020C	25	---
1/4"	EL2F2F	302040C	25	302040CLF
3/8"	EL3F3F	302060C	25	302060CLF
1/2"	EL4F4F	302080C	25	302080CLF
3/4"	EL6F6F	302121C	10	302121CLF

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

³ NPT thread

- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Reducing Elbows

Feature:

- other sizes are also available, consult Dixon® for pricing and availability

Female NPT	Female NPT	150# Iron Part #
1/4"	1/8"	REL2518
1/2"	1/4"	REL5025
1/2"	3/8"	REL5038
3/4"	1/2"	REL7550
1"	1/2"	REL1050
1"	3/4"	REL1075
1 1/4"	1"	REL1210
1 1/2"	1"	REL1510
1 1/2"	1 1/4"	REL1525
2"	1"	REL2010
2"	1 1/2"	REL2015
2 1/2"	2"	REL2520
3"	2"	REL3020
4"	2"	REL4020
4"	3"	REL4030



Pipe, Welding & Tube Fittings

90° Street Elbows

Feature:

- ref SAE 130239

Female NPTF	Male NPTF	Extruded Brass		Optional Qty	Forged Lead Free Brass ^{1,2}
		Previous Part #	Part #		Part #
1/8"	1/8"	SE1F1M	3040202C	25	3040202CLF
1/4"	1/8"	SE2F1M	3040402C	25	---
1/4"	1/4"	SE2F2M	3040404C	25	3040404CLF
3/8"	1/4"	SE3F2M	3040604C	25	---
3/8"	3/8"	SE3F3M	3040606C	25	3040606CLF
1/2"	3/8"	SE4F3M	3040806C	25	---
1/2"	1/2"	SE4F4M	3040808C	25	3040808CLF
3/4"	1/2"	SE6F4M	3041208C	25	---
3/4"	3/4"	SE6F6M	3041212C	10	---



brass



lead free brass

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

³ NPT thread

90° Male Pipe Elbows

Male NPTF	Forged Brass		Optional Qty
	Previous Part #	Part #	
1/8"	169-0202	1690202C	25
1/4"	169-0404	1690404C	25
3/8"	169-0606	1690606C	25
1/2"	169-0808	1690808C	25



- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded 90° Street Elbows



150# iron

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability



150# galvanized iron



150# 316 stainless steel

Male NPT	Female NPT	150# Iron Part #	150# Galvanized Iron Part #	150# 316 Stain. Steel Part #
1/8"	1/8"	SE9018	SE9018G	SE9018SS
1/4"	1/4"	SE9025	SE9025G	SE9025SS
3/8"	3/8"	SE9038	SE9038G	SE9038SS
1/2"	1/2"	SE9050	SE9050G	SE9050SS
3/4"	3/4"	SE9075	SE9075G	SE9075SS
1"	1"	SE9010	SE9010G	SE9010SS
1 1/4"	1 1/4"	SE9012	SE9012G	SE9012SS
1 1/2"	1 1/2"	SE9015	SE9015G	SE9015SS
2"	2"	SE9020	SE9020G	SE9020SS
2 1/2"	2 1/2"	SE90250	---	---
3"	3"	SE90300	SE9030G	---
4"	4"	SE90400	---	---
6"	6"	SE90600	---	---



3000# forged steel



125# brass

Male NPT	Female NPT	3000# Forged Steel Part #	125# Brass Part #
1/8"	1/8"	---	---
1/4"	1/4"	SE9025FS	---
3/8"	3/8"	SE9038FS	---
1/2"	1/2"	SE9050FS	---
3/4"	3/4"	SE9075FS	SE9075B
1"	1"	SE9010FS	SE9010B
1 1/4"	1 1/4"	SE9012FS	SE9012B
1 1/2"	1 1/2"	SE9015FS	SE9015B
2"	2"	SE9020FS	SE9020B

NPT Threaded 45 Elbows

Female NPT	150# Iron Part #
1/8"	EL4518
1/4"	EL4525
3/8"	EL4538
1/2"	EL4550
3/4"	EL4575
1"	EL45100
1 1/4"	EL45125
1 1/2"	EL45150
2"	EL45200
2 1/2"	EL45250
3"	EL45300
4"	EL45400
5"	EL45500
6"	EL45600



Pipe, Welding
& Tube Fittings

Size	150# Iron Part #	150# Galvanized Iron Part #
1/8"	SE4518	---
1/4"	SE4525	SE4525G
3/8"	SE4538	---
1/2"	SE4550	SE4550G
3/4"	SE4575	SE4575G
1"	SE45100	---
1 1/4"	SE45125	SE45125G
1 1/2"	SE45150	SE45150G
2"	SE45200	SE45200G
2 1/2"	SE45250	SE45250G
3"	SE45300	SE45300G
4"	SE45400	SE45400G



150# galvanized iron

Feature:

- ref SAE 130339

Female NPTF	Male NPTF	Extruded Brass		Optional Qty
		Previous Part #	Part #	
1/8"	1/8"	306-0202	3060202C	25
1/4"	1/4"	306-0404	3060404C	25
3/8"	3/8"	306-0606	3060606C	25
1/2"	1/2"	306-0808	3060808C	25
3/4"	3/4"	306-1212	3061212C	10



• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Female Tees



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel



2000# forged steel



125# brass

Female NPT	300# Iron Part #	150# Iron Part #	150# Galvanized Iron Part #
1/8"	---	FT18	---
1/4"	300FT25	FT25	FT25G
3/8"	300FT38	FT38	FT38G
1/2"	300FT50	FT50	FT50G
3/4"	---	FT75	FT75G
1"	300FT10	FT10	FT100G
1 1/4"	300FT120	FT120	FT120G
1 1/2"	---	FT15	FT150G
2"	300FT200	FT200	FT200G
2 1/2"	---	FT250	---
3"	---	FT30	FT300G
4"	---	FT40	FT400G
5"	---	FT500	---
6"	---	FT60	---

Female NPT	150# 316 Stainless Steel Part #	2000# Forged Steel Part #	125# Brass Part #
1/8"	---	---	---
1/4"	FT25SS	FT25FS	---
3/8"	FT38SS	---	---
1/2"	FT50SS	FT50FS	---
3/4"	FT75SS	FT75FS	FT75B
1"	FT10SS	FT100FS	FT10B
1 1/4"	FT120SS	FT120FS	---
1 1/2"	FT150SS	FT150FS	FT15B
2"	FT200SS	FT200FS	FT20B

Female Tees

Feature:

- ref SAE 130438



brass



lead free brass

NPTF Thread	Extruded Brass		Optional Qty	Forged Lead Free Brass ^{1,2,3}
	Previous Part #	Part #		Part #
1/8"	322-0202	3220202C	25	3220202CLF
1/4"	322-0404	3220404C	25	3220404CLF
3/8"	322-0606	3220606C	25	3220606CLF
1/2"	322-0808	3220808C	25	3220808CLF
3/4"	322-1212	3221212C	10	3221212CLF

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

³ NPT thread

- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Side Outlet Elbows

Female NPT	150# Iron Part #
1/8"	SOE18
1/4"	SOE25
3/8"	SOE38
1/2"	SOE50
3/4"	SOE75
1"	SOE100
1 1/4"	SOE120
1 1/2"	SOE150
2"	SOE200



Pipe, Welding & Tube Fittings

NPT Threaded Female Reducing Tees

Female NPT	Female NPT	150# Iron Part #
3/8"	1/4"	FRT3825
1/2"	3/8"	FRT5038
3/4"	1/2"	FRT7550
1"	1/2"	FRT1050
1 1/4"	1"	FRT1210
1 1/2"	1"	FRT1510
2"	1"	FRT2010
2"	1 1/2"	FRT2015
3"	2"	FRT3020



NPT Threaded Street Service Tees

NPT	150# Iron Part #
1/2"	SST50
3/4"	SST75
1"	SST100
1 1/2"	SST150



NPT Threaded Bull Head Tees

Female NPT	Female NPT	150# Iron Part #
1/2"	3/4"	BHT1575
1/2"	1"	BHT1510
3/4"	1"	BHT7510
1"	1 1/2"	BHT1015
1"	2"	BHT1020
1 1/2"	2"	BHT1520
2"	2 1/2"	BHT2025



K

NPT Threaded Side Outlet Tees

Female NPT	150# Iron Part #
1/2"	SOT50
3/4"	SOT75
1"	SOT100
1 1/4"	SOT120
1 1/2"	SOT150
2"	SOT200



• For additional information on pipe dimensions please reference dixonvalve.com.

Street Tees

Feature:

- ref SAE 130424



Female NPTF	Male NPTF	Extruded Brass		Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
		Previous Part #	Part #		
1/8"	1/8"	326-0202	3260202C	25	---
1/4"	1/4"	326-0404	3260404C	25	3260404CLF
3/8"	3/8"	326-0606	3260606C	25	---
1/2"	1/2"	326-0808	3260808C	25	---
3/4"	3/4"	326-1212	3261212C	10	---

- ¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- ³ NPT thread

Male Branch Tees

Feature:

- ref SAE 130425



NPTF	Extruded Brass		Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
	Previous Part #	Part #		
1/8"	324-0202	3240202C	25	---
1/4"	324-0404	3240404C	25	---
3/8"	324-0606	3240606C	25	3240606CLF
1/2"	324-0808	3240808C	25	---
3/4"	324-1212	3241212C	10	---

- ¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
- ² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant
- ³ NPT thread

NPT Threaded Crosses



Female NPT	150# Iron Part #
1/8"	MIC18
1/4"	MIC25
3/8"	MIC38
1/2"	MIC50
3/4"	MIC75
1"	MIC100
1 1/4"	MIC125
1 1/2"	MIC150
2"	MIC200
2 1/2"	MIC250
3"	MIC300
4"	MIC400

Pipe Crosses



Female NPTF	Extruded Brass		Optional Qty
	Previous Part #	Part #	
1/8"	228-0202	2280202C	25
1/4"	228-0404	2280404C	25
3/8"	228-0606	2280606C	25
1/2"	228-0808	2280808C	10
3/4"	228-1212	2281212C	10

- For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Caps

Features:

- other sizes are also available
- 304 stainless steel fittings are also available, consult Dixon® for pricing and availability

Female NPT	300# Iron Part #	150# Iron Part #
1/8"	---	MICAP18
1/4"	---	MICAP25
3/8"	---	MICAP38
1/2"	300MICAP50	MICAP50
3/4"	300MICAP75	MICAP75
1"	300MICAP100	MICAP100
1 1/4"	300MICAP125	MICAP120
1 1/2"	300MICAP150	MICAP150
2"	300MICAP200	MICAP200
2 1/2"	---	MICAP250
3"	---	MICAP300
4"	---	MICAP400
5"	---	MICAP500
6"	---	MICAP600

Female NPT	150# Galvanized Iron Part #	150# 316 Stainless Steel Part #
1/8"	---	SSCAP18
1/4"	---	SSCAP25
3/8"	---	SSCAP38
1/2"	MICAP50G	SSCAP50
3/4"	MICAP75G	SSCAP75
1"	---	SSCAP10
1 1/4"	---	SSCAP12
1 1/2"	---	SSCAP15
2"	MICAP200G	SSCAP20



300# iron



150# iron



150# galvanized iron



150# 316 stainless steel

Pipe, Welding
& Tube Fittings

NPT Pipe Caps

Female NPT	Optional Qty	Lead Free Brass ^{1, 2, 3} Part #
1/8"	50	2130200CLF
1/4"	100	2130400CLF
3/8"	25	2130600CLF
1/2"	25	2130800CLF
3/4"	25	2131200CLF



¹ lead free per NSF/ANSI 372
² lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400
³ conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

• For additional information on pipe dimensions please reference dixonvalve.com.

NPT Threaded Square Head Plugs

Feature:

- forged steel and brass plugs are solid, all others are cored



150# iron



150# galvanized iron



150# 316 stainless steel



3000# forged steel



125# brass

Male NPT	150# Iron Part #	150# Galvanized Iron Part #	150# 316 Stain. Steel Part #
1/8"	SHP18	SHP18G	SHP18SS
1/4"	SHP14	SHP14G	SHP14SS
3/8"	SHP38	SHP38G	SHP38SS
1/2"	SHP50	SHP50G	SHP50SS
3/4"	SHP75	SHP75G	SHP75SS
1"	SHP100	SHP100G	SHP100SS
1 1/4"	SHP125	SHP125G	SHP125SS
1 1/2"	SHP150	SHP150G	SHP150SS
2"	SHP200	SHP200G	SHP200SS
2 1/2"	SHP250	SHP250G	SHP250SS
3"	SHP300	SHP300G	SHP300SS
4"	SHP400	SHP400G	SHP400SS
5"	SHP500	---	---
6"	SHP600	SHP600G	---

Male NPT	3000# Forged Steel Part #	125# Brass Part #
1/8"	---	2110200C ^{1,2}
1/4"	SHP14FS	2110400C ^{1,2}
3/8"	SHP38FS	2110600C ^{1,2}
1/2"	SHP50FS	2110800C ^{1,2}
3/4"	SHP75FS	2111200C ^{1,2}
1"	SHP100FS	SHP100B
1 1/2"	SHP150FS	SHP150B
2"	SHP200FS	---
3"	SHP300FS	---

¹ lead free brass per NSF/ANSI 372, Brass Alloy 260/270

² threads are PTF-SAE

Hex Head Plugs

NPT	Brass		Pkg Qty	Lead Free Brass ^{1,2} Part #
	Previous Part #	Part #		
1/8"	HHP1M	1630200C	50	1630200CLF
1/4"	HHP2M	1630400C	100	1630400CLF
3/8"	HHP3M	1630600C	25	---
1/2"	HHP4M	1630800C	25	---
3/4"	HHP6M	1631200C	25	---
1"	HHP8M	1631600C	10	---



- standard brass hex head plug is hollow; lead free brass is solid

¹ lead free brass <=0.25% lead; Alloy CA2745; Alloy C46400

² conforms To: Safe Water Drinking Act (SWDA) of Jan. 4, 2014; California AB1953; RoHS Compliant

Hex Socket Plugs

NPTF	Lead Free Brass ¹		Optional Qty
	Previous Part #	Part #	
1/8"	219-0200	2190200C	50
1/4"	219-0400	2190400C	100
3/8"	219-0600	2190600C	25
1/2"	219-0800	2190800C	25
3/4"	219-1200	2191200C	25



¹ lead free brass per NSF/ANSI 372, Brass Alloy 260/270

- For additional information on pipe dimensions please reference dixonvalve.com.

Polypropylene Schedule 80 - Pipe Couplings

Female NPT	Polypropylene Part #
3/4"	62238
1"	62239
1 1/2"	62241
2"	62194



Pipe, Welding & Tube Fittings

Tuff-Lite™ - Female NPT x Female NPT Adapters

- sold in package quantity only

Female NPT	Female NPT	Nylon Part #	Pkg Qty
1/2"	1/2"	TA994	25
3/4"	3/4"	TA996	25



Polypropylene Schedule 80 - Reducer Bushings

Male NPT	Female NPT	Polypropylene Part #
1/2"	1/4"	62267
3/4"	1/2"	62272
1"	1/2"	62275
1"	3/4"	62276
1 1/4"	3/4"	62277
1 1/4"	1"	62278
1 1/2"	3/4"	62279
1 1/2"	1"	62280
1 1/2"	1 1/4"	62281
2"	3/4"	62195
2"	1"	62196
2"	1 1/4"	62197
2"	1 1/2"	62198
3"	2"	60330



Tuff-Lite™ - Male NPT x Female Threaded Swivel Nut Adapters

- female shipped with a red vinyl washer (**TVW7**), replacement washers on page 242

Male NPT	Female Thread	Nylon Part #
1/4"	3/4" GHT	TSA72
3/8"	3/4" GHT	TSA73
1/4"	3/4" NPS	TSA62
3/8"	3/4" NPS	TSA63



Tuff-Lite™ - Reducing Bushings

Male NPT	Female NPT	Nylon Part #
3/8"	1/4"	THB32
1/2"	1/4"	THB42
1/2"	3/8"	THB43
3/4"	1/2"	THB64
1"	3/4"	THB86



• For additional information on pipe dimensions please reference dixonvalve.com.

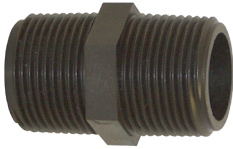
Tuff-Lite™ - Close Nipples

- sold in package quantity only



Male NPT	Nylon Part #	Pkg Qty
1/4"	TCN202	50
3/8"	TCN303	50
1/2"	TCN404	50
3/4"	TCN606	50

Polypropylene Schedule 80 - Hex Nipples



Male NPT	Polypropylene Part #
1/2"	62221
3/4"	60554
1"	60555
1 1/4"	60556
1 1/2"	60547
2"	60548
3"	61769

Polypropylene Schedule 80 - Reducer Nipples



Male NPT	Male NPT	Polypropylene Part #
3/4"	1/2"	62233
1"	3/4"	62234
1 1/4"	1"	62235
1 1/2"	1 1/4"	62236
2"	1 1/2"	60549

Polypropylene Schedule 80 - Nipples



Male NPT	Length	Polypropylene Part #
3/4"	4"	62223
3/4"	6"	62224
1"	4"	62225
1"	6"	62226
2"	4"	62192
2"	6"	62193

- For additional information on pipe dimensions please reference dixonvalve.com.

Polypropylene Schedule 80 - 90° Elbows

Female NPT	Polypropylene Part #
1/2"	62215
3/4"	62216
1"	62217
1 1/2"	62219
2"	62191
3"	62220



Pipe, Welding & Tube Fittings

Tuff-Lite™ - Street Female NPT x 90° Male NPT Elbows

Female NPT	Male NPT	Nylon Part #
1/4"	1/4"	TSE22
1/2"	1/2"	TSE44
3/4"	3/4"	TSE66



Polypropylene Schedule 80 - 90° Street Elbows

NPT Thread	Polypropylene Part #
1/2"	62243
3/4"	62244
1"	62245
1 1/4"	62246
1 1/2"	62247
2"	62199
3"	62248



Polypropylene Schedule 80 - Tees

Female NPT	Polypropylene Part #
1/2"	62209
3/4"	62210
1"	62211
1 1/4"	62212
1 1/2"	62213
2"	62190
3"	62214



Polypropylene Schedule 80 - Cross

Female NPT	Polypropylene Part #
1"	62263



• For additional information on pipe dimensions please reference dixonvalve.com.

Tuff-Lite™ - Female Threaded Swivel Nuts



Female Thread	Nylon Part #
3/4" NPSM	TCF6
3/4" GHT	TCF7

Tuff-Lite™ - Threaded Caps

- sold in package quantity only



Female Thread	Nylon Part #	Pkg Qty
1/4" NPT	TTC2	50
3/8" NPT	TTC3	50
1/2" NPT	TTC4	50
3/4" NPT	TTC6	50
3/4" GHT	TTC7	50

Tuff-Lite™ - Hex Head Drain Plugs

- sold in package quantity only



Male NPT	Nylon Part #	Pkg Qty
1/8"	TPX1	50
1/4"	TPX2	50
3/8"	TPX3	50
1/2"	TPX4	50
3/4"	TPX6	50
1"	TPX8	50
1 1/4"	TPX10	25

Tuff-Lite™ - Square Head Drain Plugs

- sold in package quantity only



Male NPT	Nylon Part #	Pkg Qty
1/8"	TPS1	50
1/4"	TPS2	50
3/8"	TPS3	50
1/2"	TPS4	50
3/4"	TPS6	50
1"	TPS8	50
1 1/4"	TPS10	25

Polypropylene Schedule 80 - Pipe Caps



Female NPT	Polypropylene Part #
3/4"	62250
1"	62251

Polypropylene Schedule 80 - Pipe Plugs



Male NPT	Polypropylene Part #
3/4"	62256
1"	62257
1 1/4"	62258
1 1/2"	62259
2"	62201

- For additional information on pipe dimensions please reference dixonvalve.com.

Bulkhead Fittings

Application:

- for use on most poly storage tanks and many steel and fiberglass tanks

Features:

- glass reinforced polypropylene provides strength and chemical resistance
- EPDM gaskets are standard
- FKM gaskets are available, contact Dixon® to order

female NPT fittings

Female NPT	Hole Size	Polypropylene Part #
1/2"	1-7/16"	62834
3/4"	1-7/16"	60401
1"	2-1/4"	60427
1 1/4"	2-1/4"	60403
1 1/2"	3"	60124 NEW
1 1/2"	2-3/8"	63931 ¹
2"	3"	60405
2"	3"	63481 ²
2" HD ³	3-1/4"	63683
3"	4-1/2"	62299 ¹



Pipe, Welding & Tube Fittings

¹ 1 1/2" and 3" do not contain a washer
² designed for tank wall thickness less than 3/8" - low profile

Gaskets

Size	EPDM Part #
1/2" - 3/4"	60402
1" - 1 1/4"	60404
1 1/2"	63938
2"	60406
2" HD ¹	60336
3"	60331



¹ heavy duty

Bulkhead Couplings

Female NPTF	External Male UNS	Length	Brass Part #
1/8"	5/8"	1.50"	207BH2
1/4"	3/4"	1.50"	207BH4
1/4"	3/4"	.94"	207BH4S
3/8"	1"	1.31"	207BH6
1/2"	1-1/8"	1.50"	207BH8
3/4"	1-5/16"	1.50"	207BH12



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Note: washer nut is 12L14 steel

Bolted Fittings

Polypropylene Female NPT fittings

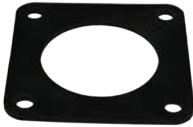
Features:

- bolts thread into back plate of fitting leaving no welds, holes as potential points of leakage
- 316 stainless steel bolts
- 2 required, EPDM gaskets are standard (sold separately)
- FKM gaskets are available, contact Dixon®



Size	Polypropylene Part #
¾"	60502
1"	60505
1½"	60513
2"	60516

Gaskets



Size	EPDM Part #
¾" - 1"	60498
1½" - 2"	60497

Stainless Steel Female NPT fittings

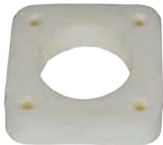
Features:

- bolts thread into back plate of fitting leaving no welds, holes as potential points of leakage
- 316 stainless steel bolts
- required, cross-linked polyethylene gaskets are standard (*sold separately*)
- FKM and EPDM gaskets are available, contact Dixon®



Size	Stainless Steel Part #
¾"	63035
1"	62948
1½"	63037
2"	63038

Gaskets



Size	Cross-Linked Polyethylene Part #
¾" - 1"	62950
1½"	63042
2"	62848

Swage Nipples

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #
2" x 1"	6.5"	SW40-200100
2" x 1¼"	6.5"	SW40-200125
2" x 1½"	6.5"	SW40-200150
2½" x 1"	7"	SW40-250100
2½" x 1½"	7"	SW40-250150
2½" x 2"	7"	SW40-250200
3" x 2"	8"	SW40-300200
3" x 2½"	8"	SW40-300250
4" x 2"	9"	SW40-400200
4" x 2½"	9"	SW40-400250
4" x 3"	9"	SW40-400300
6" x 3"	12"	SW40-600300
6" x 4"	12"	SW40-600400
8" x 4"	13"	SW40-800400
8" x 6"	13"	SW40-800600



Pipe, Welding
& Tube Fittings

Male NPT	Length	Zinc Plated Schedule 80 Part #
½" x ¼"	2.8"	SW80-050025
½" x ⅜"	2.8"	SW80-050038
¾" x ½"	3.0"	SW80-075050
1" x ¼"	3.5"	SW80-100025
1" x ½"	3.5"	SW80-100050
1" x ¾"	3.5"	SW80-100075
2" x ½"	6.5"	SW80-200050
2" x ¾"	6.5"	SW80-200075
2" x 1"	6.5"	SW80-200100
2" x 1¼"	6.5"	SW80-200125
2" x 1½"	6.5"	SW80-200150
2½" x 2"	7.0"	SW80-250200
3" x 1"	8.0"	SW80-300100
3" x 2"	8.0"	SW80-300200
3" x 2½"	8.0"	SW80-300250
4" x 2"	9.0"	SW80-400200
4" x 3"	9.0"	SW80-400300
4" x 4"	9.0"	SW80-400400
6" x 3"	12.0"	SW80-600300
6" x 4"	12.0"	SW80-600400
8" x 6"	13.0"	SW80-800600



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• For additional information on pipe dimensions please reference dixonvalve.com.

Bull Plugs



schedule 80

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #	Zinc Plated Schedule 80 Part #
2"	4"	BP40-200	BP80-200
2½"	5"	BP40-250	BP80-250
3"	6"	BP40-300	BP80-300
4"	7"	BP40-400	BP80-400

Bull Plugs with Tap



schedule 40

Features:

- manufactured in conformance with ASTM A234 and MSS SP-95
- threads on nipples conform to ASME B1.20.1
- schedule 40 nipples have blue caps
- schedule 80 nipples have green caps

Male NPT	Length	Zinc Plated Schedule 40 Part #	Zinc Plated Schedule 80 Part #
2" x ¼"	4"	BP40-200T025	BP80-200T025
2" x ½"	5"	BP40-200T050	BP80-200T050
3" x ½"	6"	BP40-300T050	BP80-300T050
4" x ½"	7"	BP40-400T050	BP80-400T050

- For additional information on pipe dimensions please reference dixonvalve.com.

Hammer Unions

Features:

- Socket weld configurations and other materials are available, contact Dixon® for further information.
- Hammer unions work at extremely high pressures. Mismatching components of one series with another (i.e. series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.
- temperature range: **-20°F to 250°F (-29°C to 121°C)**
- non-shocking cold water pressure means that the rated value is the maximum operating pressure at ambient temperature
- no spikes higher than this pressure
- no instantaneous pressure increases (0-2000 PSIG in ¼ of a second)
- ambient temperature: **70°F (21°C)**



100 Series

Features:

- used on low pressure manifolds and lines and in applications running air, water, oil or gas up to **1,000 PSI NSCWP** (non-shock cold working pressure)
- yellow sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
2"	threaded	1000	HU100200
	buttwd	1000	HU100200BW¹
2½"	threaded	1000	HU100250
3"	threaded	1000	HU100300
4"	threaded	1000	HU100400
	buttwd	1000	HU100400BW¹
6"	threaded	1000	HU100600
8"	threaded	1000	HU100800

¹ buttwd ends are schedule 40



200 Series

Features:

- used in general service applications running air, water, oil or gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- Nitrile O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	2000	HU200100
1½"	threaded	2000	HU200150
2"	threaded	2000	HU200200
	buttwd	2000	HU200200BW¹
2½"	threaded	2000	HU200250
3"	threaded	2000	HU200300
4"	threaded	2000	HU200400
6"	threaded	2000	HU200600
8"	threaded	2000	HU200800

¹ buttwd ends are schedule 40



206 Series

Features:

- used in general service applications running air, water, oil and gas up to **2,000 PSI NSCWP** (non-shock cold working pressure)
- Nitrile O-ring mounted sub provides excellent sealing properties
- grey sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	2000	HU206100
1½"	threaded	2000	HU206150
2"	threaded	2000	HU206200
2½"	threaded	2000	HU206250
3"	threaded	2000	HU206300
4"	threaded	2000	HU206400
6"	threaded	2000	HU206600
8"	threaded	2000	HU206800



Hammer Unions

400 Series

Features:

- used on manifold and line connections, pump, suction and mud service
- up to **4,000 PSI NSCWP** (non-shock cold working pressure)
- red sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
2"	threaded	4000	HU400200
3"	threaded	4000	HU400300
4"	threaded	4000	HU400400

Pipe, Welding
& Tube Fittings

602 Series

Features:

- for use in mud, manifold service and truck mounting applications running water, oil or mud up to **6,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- orange sub, black nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	6000	HU602100
2"	threaded	6000	HU602200
	buttweld	6000	HU602200BW¹
3"	threaded	6000	HU602300
	buttweld	6000	HU602300BW¹
4"	threaded	6000	HU602400
	buttweld	6000	HU602400BW¹

¹ buttweld ends are schedule 80

1002 Series

Features:

- for use in high pressure systems and truck mounting applications running water, oil or mud up to **10,000 PSI NSCWP** (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- blue sub, red nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
1"	threaded	10000	HU1002100
2"	threaded	10000	HU1002200
	buttweld	10000	HU1002200BW¹
3"	threaded	10000	HU1002300
	buttweld	10000	HU1002300BW¹
4"	threaded	10000	HU1002400
	buttweld	10000	HU1002400BW¹

¹ buttweld ends are schedule XXS



Hammer Unions

1502 Series

Features:

- for use in extreme high pressure applications running water, oil or mud up to **15,000 PSI** NSCWP (non-shock cold working pressure)
- lip type seal ring minimizes fluid flow turbulence while creating a pressure seal
- red sub, blue nut

Size	Configuration	NSCWP (PSI)	Forged Steel Part #
2"	threaded	15000	HU1502200
	butt weld	15000	HU1502200BW¹
3"	threaded	15000	HU1502300
	butt weld	15000	HU1502300BW¹
4"	threaded	15000	HU1502400
	butt weld	15000	HU1502400BW¹

¹ butt weld ends are schedule XXS



Pipe, Welding & Tube Fittings

Hookie - Hook Hose Lifter

Features:

- for use with hammer unions on pages 681, 683
- safe working load is 4 tons, with a proof load test of 8 tons
- supplied complete with retaining clamp

Size	Forged Steel Part #
3"	HA0900-3
4"	HA0900-4
5"	HA0900-5



NPT Threaded Pipe Fittings

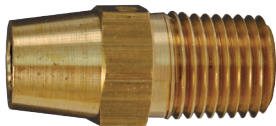


Size	Overall Length	Carbon Steel Part #	304 Stainless Steel Part #	Aluminum Part #
1/4"	2"	PN250	PNS250	---
3/8"	2"	PN375	PNS375	---
1/2"	2"	PN500	PNS500	---
3/4"	2"	PN750	PNS750	---
1"	2"	PN1000	PNS1000	---
1 1/4"	2"	PN1250	PNS1250	---
1 1/2"	2"	PN1500	PNS1500	---
2"	2"	PN2000	PNS2000	---
2 1/2"	3"	PN2500	PNS2500	---
3"	3"	PN3000	PNS3000	APN3000
4"	4"	PN4000	PNS4000	APN4000

Dixon® Hex Nipples for Welding to Metal Hose



carbon steel



machined brass



global stainless

Size	Carbon Steel ¹ Part #	Optional Qty	Machined Brass Part #
1/4"	FM250	200	FMB250
3/8"	FM375	100	FMB375
1/2"	FM500	50	FMB500
3/4"	FM750	50	FMB750
1"	FM1000	50	FMB1000
1 1/4"	FM1250	50	---
1 1/2"	FM1500	50	---
2"	FM2000	10	---

Size	304 Stainless Steel ¹ Part #	Optional Qty	316 Stainless Steel ¹ Part #
1/4"	FMS250	200	---
3/8"	FMS375	100	---
1/2"	FMS500²	50	FMR500²
3/4"	FMS750²	50	FMR750²
1"	FMS1000²	50	FMR1000²
1 1/4"	FMS1250	50	---
1 1/2"	FMS1500	50	FMR1500

¹ Dixon® suggests using 308 LSI welding rod

² global stainless steel

Dixon® Octagonal Nipples for Welding to Metal Hose



Size	Overall Length	Weld-On Length	Hex Length	Carbon Steel Part #	304 Stainless Steel Part #
2"	2 1/2"	7/8"	9/16"	OCTOE32	OCTOES32

• For additional information on pipe dimensions please reference dixonvalve.com.

Dixon® Octagonal Wrench Grips

Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel Part #
1½"	2.230"	1.910"	9/16"	OCTS24
2"	2.781"	2.385"	9/16"	OCTS32
3"	3.750"	3.510"	7/8"	OCTS48

Size	Across Outside Flats	Across Inside Flats	Width	304 Stainless Steel Part #
2"	2.740"	2.510"	9/16"	OCT32



Pipe, Welding
& Tube Fittings

Dixon® Weld-On Hex Wrench Grips

Size	Global Investment Cast Steel Part #
1"	WN12
1¼"	WN16
1½"	WN21
2"	WN26
2½"	WN31
3"	WN36
4"	WN46



Straub Grip-L Axial Restraint Pipe Couplings

Application:

- suitable for pipes within the lower pressure range, applications include, but are not limited to: ship building, water and waste water treatment plants and industrial process pipe work

Features:

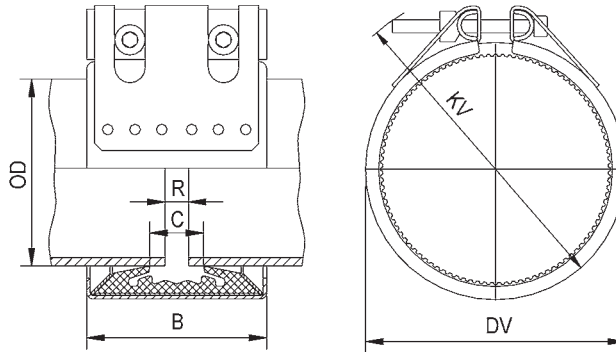
- joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer and sound
- special patented grip ring for superior holding power on hard-surfaced pipes
- 5 year limited warranty
- reusable
- EPDM sealing sleeve temperature range: - 4°F to 176°F (-20°C to 80°C)
- NBR and FKM sleeves available, contact Dixon® for information

Materials:

- casing: AISI 316Ti; screws: AISI 316 L; bolts: AISI 316 Ti; anchoring ring: AISI 301; sealing sleeve: EPDM standard

Specifications:

- American Bureau of Shipping (ABS) up to **232 PSI** on ¾" - 5"; **188 PSI** on 6"; **145 PSI** on 8"
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)
- built to ASTM 1476, Type 2, Class 2 specifications



Size	Pipe OD Range		Working Pressure PSI	Coupling Dimensions		Assembled Dimensions		Maximum Distance Between Pipe End R	316 Ti Stainless Steel Part #
	actual	min to max		B	C	DV	KV		
¾"	1.05"	1.04" to 1.08"	670	1.8"	0.7"	1.7"	2.8"	0.2"	STR20000 ¹
1"	1.31"	1.31" to 1.35"	550	1.8"	0.7"	2.0"	3.0"	0.2"	STR20100 ¹
1½"	1.90"	1.88" to 1.92"	440	2.4"	1.0"	2.6"	3.9"	0.2"	STR20300 ¹
2"	2.37"	2.35" to 2.40"	320	3.0"	1.5"	3.1"	4.3"	0.4"	STR20450 ¹
2½"	2.87"	2.85" to 2.90"	450	3.7"	1.6"	3.9"	5.3"	0.4"	STR20500
3"	3.50"	3.46" to 3.54"	320	3.7"	1.6"	4.4"	5.9"	0.4"	STR20650
4"	4.50"	4.46" to 4.54"	232	3.7"	1.6"	5.4"	6.7"	0.4"	STR20900
5"	5.50"	5.51" to 5.62"	232	4.3"	2.1"	6.5"	8.3"	0.4"	STR21150
6"	6.63"	6.56" to 6.69"	232	4.3"	2.1"	7.6"	9.1"	0.4"	STR21350
8"	8.63"	8.54" to 8.71"	232	5.6"	3.1"	9.8"	11.6"	0.4"	STR21400

¹ only has one bolt

Note: All Straub couplings require the correct use of a torque wrench for a safe and proper installation. Straub couplings must be torqued to the specified value as printed on each individual coupling. Failure to do so can result in serious injury or death.

Not for steam or refrigerant service.



Straub Open-Flex 1L Couplings

Applications:

- suitable for repairing or joining pipes where access to the pipe end is difficult or impossible

Features:

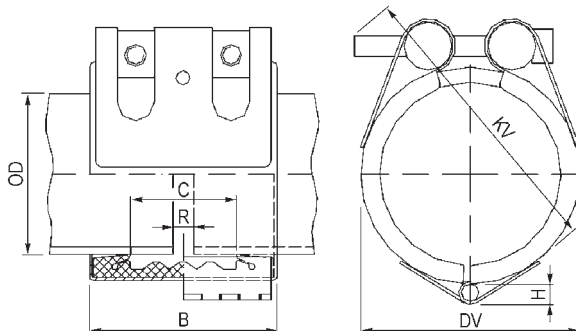
- use to replace bolted sleeve type couplings (AWWA Std. C-219) or for permanent repairs or installation
- wrap-around design differs from similar type repair products because the installation or repair is permanent due to the unique flexible lip seal gasket design
- joins like or dissimilar pipe materials: steel, galvanized, painted, stainless steel, thin-wall stainless steel, PVC, copper
- requires no special tools or pipe-end preparation; only a torque wrench is required for a secure and safe pipe connection that seldom needs retightening
- accommodates up to 5° of pipe misalignment
- vary gap between pipe ends
- absorbs vibration, water hammer, and sound
- acts as an expansion joint; will accept up to .25" of axial movement
- EPDM sealing sleeve temperature range: - 4°F to 176°F (-20°C to 80°C)
- 5 year limited warranty
- reusable

Materials:

- casing: AISI 316Ti; screws: AISI 4135 steel; bolts: AISI 12L 14 galvanized

Specifications:

- American Bureau of Shipping (ABS) up to 232 PSI
- Underwriter's Laboratories (UL)
- National Sanitation Foundation (NSF)
- conforms to ASTM 1476, Type 2, Class 3 specifications



Size	Pipe OD Range		Working Pressure PSI	Coupling Dimensions			Assembled Dimensions		Maximum Distance Between Pipe End R	316 Ti Stainless Steel Part #
	actual	min to max		B	C	H	DV	KV		
1½"	1.90"	1.85" to 1.95"	363	3.0"	1.4"	.28"	2.8"	3.3"	.20"	STR35001
2"	2.38"	2.32" to 2.42"	232	3.0"	1.4"	.28"	3.2"	3.7"	.20"	STR35151
2½"	2.88"	2.81" to 2.93"	232	3.0"	1.4"	.36"	3.2"	3.7"	.20"	STR35201
3"	3.50"	3.44" to 3.56"	232	3.7"	2.0"	.36"	4.4"	4.9"	.20"	STR35351
4"	4.50"	4.43" to 4.57"	232	3.7"	2.0"	.36"	5.4"	5.9"	.20"	STR35651
5"	5.56"	5.49" to 5.57"	232	4.2"	2.4"	.38"	6.4"	7.1"	.20"	STR35901
6"	6.63"	6.54" to 6.71"	232	4.2"	2.4"	.38"	7.5"	8.1"	.20"	STR36051

⚠ Note: Not pull-out resistant. Ensure that pipes are properly anchored and supported.

Assembly Tool

Part #
STR6648



150 Lb. ASA Forged Lap Joint Flanges

Features:

- no raised face
- commonly called a Van Stone or a floating flange

Pipe, Welding & Tube Fittings



Size	Number of Bolts	Carbon Steel Part #	316 Stainless Steel Part #
1"	4	LJ100	---
1¼"	4	LJ125	---
1½"	4	LJ150	LJR150
2"	4	LJ200	LJR200
2½"	4	LJ250	---
3"	4	LJ300	LJR300
4"	8	LJ400	LJR400
5"	8	LJ500	---
6"	8	LJ600	LJR600
8"	8	LJ800	---
10"	12	LJ1000	---
12"	12	LJ1200	---

150 Lb. ASA Forged Slip-On Flanges

Feature:

- raised face

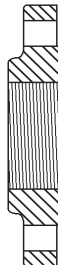


Size	Number of Bolts	Carbon Steel Part #	316 Stainless Steel Part #
1"	4	SO100	---
1¼"	4	SO125	---
1½"	4	SO150	SOR150
2"	4	SO200	SOR200
2½"	4	SO250	---
3"	4	SO300	SOR300
4"	8	SO400	SOR400
5"	8	SO500	---
6"	8	SO600	SOR600
8"	8	SO800	---
10"	12	SO1000	---
12"	12	SO1200	---

150 Lb. ASA Forged NPT Threaded Flanges

Feature:

- raised face



Size	Number of Bolts	Carbon Steel Part #	316 Stainless Steel Part #
1"	4	T100	---
1¼"	4	T125	---
1½"	4	T150	TR150
2"	4	T200	TR200
2½"	4	T250	---
3"	4	T300	TR300
4"	8	T400	TR400
5"	8	T500	---
6"	8	T600	TR600
8"	8	T800	---
10"	12	T1000	---
12"	12	T1200	---

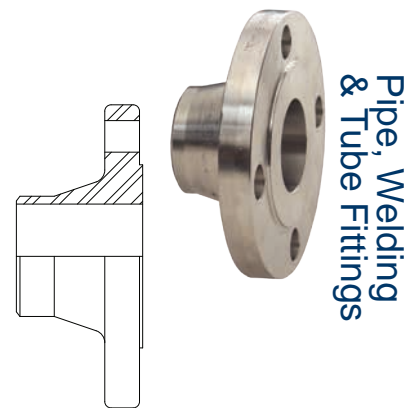
- For flange dimensions, diagrams and additional information please reference dixonvalve.com.

150 Lb. Weld Neck ASA Forged Flanges

Feature:

- raised face

Size	Number of Bolts	Carbon Steel Part #
1"	4	WN100
1¼"	4	WN125
1½"	4	WN150
2"	4	WN200
3"	4	WN300
4"	8	WN400
5"	8	WN500
6"	8	WN600
8"	8	WN800
10"	12	WN1000



Pipe, Welding & Tube Fittings

Flange Gaskets

Features:

- standard drop-ring type all 1/16" thick
- reference page 903 for joint sealant gasket material
- for flange dimensional information and diagrams please reference dixonvalve.com

Size	Neoprene Part #	Klingersil® C-4401 Part #
1"	NG10	AG10
1¼"	NG15	AG15
1½"	NG20	AG20
2"	NG25	AG25
2½"	NG30	AG30
3"	NG35	AG35
4"	NG40	AG40
5"	NG50	---
6"	NG60	AG60
8"	NG80	AG80



carbon steel



Klingersil® C-4401

ANSI Flat Face Flange x Male NST (NH)

Features:

- flange - black powder coated carbon steel
- male adapter - black anodized aluminum

Size	PSI	Carbon Steel / Aluminum Part #
6" NST (NH)	175	T600-60F



King™ Turned Back Weld-To-Metal Hose Nipples

Features:

- MSS Length
- phono-finish face (type CS), except 10" and 12" have smooth face (type C)
- for use with Slip-On and Lap Joint flanges shown on previous page

Size	Length	Schedule 40 Plated Carbon Steel Part #	Schedule 40 316 Stainless Steel Part #
1"	2"	NW10	RNW10-40
1¼"	2"	NW15	RNW15-40
1½"	2"	NW20	RNW20-40
2"	2½"	NW25	RNW25-40
2½"	2½"	NW30	RNW30-40
3"	2½"	NW35	RNW35-40
4"	3"	NW40	RNW40-40
6"	3½"	NW60	RNW60-40
8"	4"	NW80	RNW80-40
10"	5"	NW100	RNW100-40
12"	6"	NW120	RNW120-40



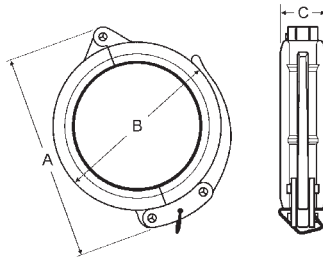
Quick Release Couplings - Series Q

Features:

- designed for applications requiring a quick connection and/or disconnection of a pipe joint, a locking pin through the handle prevents accidental opening of the coupling
- ductile iron body with zinc plating and steel safety clip
- see page 695 for replacement gaskets
- Comparable to: Victaulic's #78 Grinnell's #7003



Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Maximum End Load (Lbs.)	Ductile Iron	
				Part # with EPDM gasket	Part # with Buna-N gasket
1½"	1.900"	300	850	H315	H315BU
2"	2.375"	300	1329	H32	H32BU
2½"	2.875"	300	2120	H325	H325BU
3"	3.500"	300	2886	H33	H33BU
4"	4.500"	300	4771	H34	H34BU
6"	6.625"	300	10341	H36	H36BU



Dimensions

A	B	C
4¾"	3½"	1"
5½"	3¾"	1⅞"
5⅞"	4¾"	1⅞"
7¼"	5¼"	1⅞"
8½"	6½"	2"
10⅝"	8½"	2"

Standard Couplings - Series S, Style 11



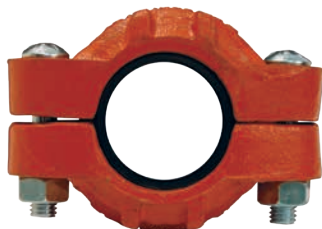
Pipe, Welding & Tube Fittings

Applications:

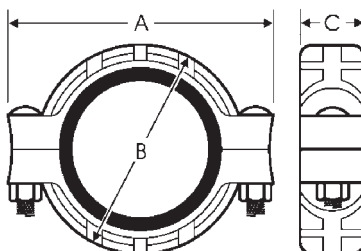
- designed for a wide range of applications including commercial/industrial construction, mining, and process piping

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- housing design allows for optimum strength without excessive casting weight.
- see pages 695, 701 for replacement gaskets, nuts and bolts
- Comparable to: Victaulic's #77
Grinnell's #7001



Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Maximum End Load (Lbs.)	Bolts			Ductile Iron	
				qty	size	length	Part # with EPDM gasket	Part # with Buna-N gasket
1½"	1.900"	1000	2835	2	¾"	2"	C115	C115BU
2"	2.375"	1000	4430	2	½"	2¾"	C12	C12BU
2½"	2.875"	1000	6492	2	½"	2¾"	C125	C125BU
3"	3.500"	1000	9621	2	½"	3"	C13	C13BU
4"	4.500"	1000	15904	2	⅝"	3¼"	C14	C14BU
6"	6.625"	1000	34472	2	¾"	4¼"	C16	C16BU
8"	8.625"	800	46741	2	⅞"	5"	C18	C18BU
10"	10.750"	800	72610	2	⅞"	5"	C20	C20BU
12"	12.750"	800	102141	2	⅞"	5"	C24	C24BU



Dimensions

A	B	C
4-5/8"	3"	1-7/8"
5-15/64"	3-45/64"	1-27/32"
5-5/8"	4-1/4"	1-27/32"
6-21/32"	5"	1-27/32"
8-17/64"	6-3/8"	2-3/64"
11-7/32"	8-57/64"	2-3/64"
14-1/64"	11-3/8"	2-23/64"
16-5/8"	13-1/2"	2-5/8"
18-5/8"	15-1/2"	2-5/8"



Lightweight Flexible Couplings - Series L, Style 10

Pipe, Welding & Tube Fittings

Applications:

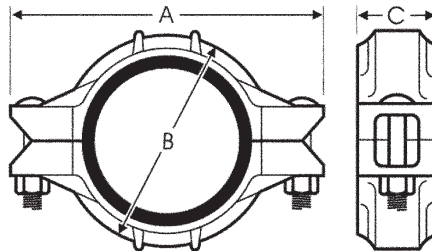
- designed for applications requiring moderate internal pressure or where weight is a factor such as general purpose, mining, irrigation, and compressed air where a deflection of 5% or less is required

Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- see pages 695, 701 for replacement gaskets, nuts and bolts
- Comparable to: Victaulic's #75 Grinnell's #7000



Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Maximum End Load (Lbs.)	Bolts qty	Bolts size	Bolts length	Ductile Iron	
							Part # with EPDM gasket	Part # with Buna-N gasket
1½"	1.900"	500	1418	2	¾"	2¼"	L215	L215BU
2"	2.375"	500	2215	2	¾"	2"	L02	L02BU
2½"	2.875"	300	3246	2	¾"	2"	L025	L025BU
3"	3.500"	300	4811	2	½"	2¾"	L03	L03BU
4"	4.500"	300	6362	2	½"	2¾"	L04	L04BU
5"	5.563"	300	9722	2	⅝"	3¼"	L05	L05BU
6"	6.625"	300	13789	2	⅝"	3¼"	L06	L06BU
8"	8.625"	300	20449	2	¾"	4¼"	L08	L08BU
10"	10.750"	350	29815	2	¾"	4¼"	L010	L010BU
12"	12.750"	350	40581	2	⅞"	5"	L012	L012BU



Dimensions

A	B	C
4-1/2"	2-29/32"	1-25/32"
4-7/8"	3-25/64"	1-27/32"
5-15/32"	3-45/64"	1-27/32"
6-27/64"	4-39/64"	1-27/32"
7-33/64"	5-7/8"	2 -1/64"
9-17/32"	7-3/32"	2 -1/64"
10-7/16"	8-7/64"	2-3/64"
13-15/32"	10-5/32"	2-13/32"
15-3/4"	12-39/64"	2-9/16"
18-23/64"	15-7/16"	2-9/16"

Lite® Couplings - Stainless Steel



Applications:

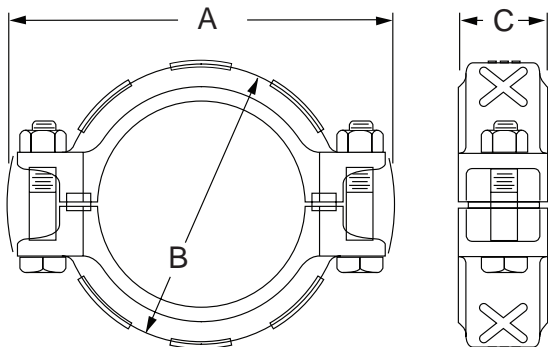
- designed for use on rigid, locked-in pipe connections

Features:

- 316 cast stainless steel body, nuts and bolts
- certified to ANSI/NSF 61
- ideal for corrosive environments
- use of suitable anti-galling thread compound is recommended
- Comparable to: Grinnell's #7400 SS



Nominal Size	Pipe OD	Maximum Working Pressure (PSI)	Maximum End Load (Lbs.)	Bolts			316 Stainless Steel Part # with Fluoro-elastomer gasket
				qty	size	length	
2"	2.375"	300	1329	2	3/8"	2 1/4"	RL02V
3"	3.500"	300	2886	2	1/2"	2 3/4"	RL03V
4"	4.500"	300	4771	2	1/2"	2 3/4"	RL04V



Dimensions

A	B	C
5 5/8"	3 5/8"	1 3/4"
6 5/8"	4 5/8"	1 3/4"
7 3/4"	6"	1 7/8"



Rigid Couplings - Series R, Style 5

Pipe, Welding & Tube Fittings

Application:

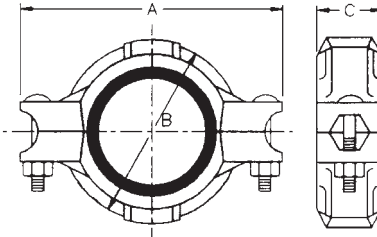
- ideal for fire protection, plumbing, low pressure air and drainage

Features:

- lightweight, low pressure
- galvanized ductile iron body
- small gripping teeth hold the housing into the groove allowing a straight run of pipe and preventing any flex at the joint
- Underwriters Listed and Factory Mutual approved
- see pages 695, 701 for replacement gaskets, nuts and bolts



Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Maximum End Load (Lbs.)	Bolts			Ductile Iron	
				qty	size	length	Part # with EPDM gasket	Part # with Buna-N gasket
2"	2.375"	175	4425	2	3/8"	2"	R72	R72BU
2½"	2.875"	175	6490	2	3/8"	2"	R725	R725BU
3"	3.500"	175	9620	2	½"	2¾"	R73	R73BU
4"	4.500"	175	12720	2	½"	2¾"	R74	R74BU
6"	6.625"	175	27570	2	5/8"	3¼"	R76	R76BU
8"	8.625"	175	35050	2	¾"	4¼"	R78	R78BU




Dimensions

A	B	C
4-7/8"	3-17/32"	1-27/32"
5-5/8"	3-45/64"	1-3/4"
6-3/8"	4-41/64"	1-27/32"
7-45/64"	5-15/16"	2"
10-25/32"	8-7/64"	2-3/64"
13-25/32"	10"	2-21/64"

Grooved Bolted Clamps

Features:

- 2" pressure rating: **400 PSI**
- 3" pressure rating: **170 PSI**
- 4" pressure rating: **120 PSI**
- bolt torque: 20 ft. lbs.
- precision casting and machined dimensions provide an exact fit and great appearance
- use of lock nuts prevents clamps from loosening in high vibration applications
- leak-tight connection
- are intended for tank truck applications only 
- Unlike steel groove clamps that secure pipe ends with high clamp force against the tubing walls, the Dixon® bolted clamp takes the full bolt force and locks in the groove of the tube preventing distortion of the tube diameter.
- FKM-B rated for 100% biodiesel and Ethanol
- Buna-N rated for petroleum service, Ethanol to E100 and biodiesel to B20
- Baylast™ rated for petroleum service, Ethanol to E100 and biodiesel to B100
- white buna-N for use in dry bulk food applications
- temperature ratings for FKM-B is **20°F to 300°F (-7°C to 149°C)**
- temperature ratings for Baylast is **-20°F to 180°F (-29°C to 82°C)**

Size	Gasket Material	Aluminum Part #
2"	<i>FKM-B</i>	DBV-VB200
3"	<i>FKM-B</i>	DBV-VB300
4"	<i>FKM-B</i>	DBV-VB400
2"	<i>buna-N</i>	DBV-BN200
3"	<i>buna-N</i>	DBV-BN300
4"	<i>buna-N</i>	DBV-BN400
2"	<i>Baylast™</i>	DBV-BL200
3"	<i>Baylast™</i>	DBV-BL300
4"	<i>Baylast™</i>	DBV-BL400
4"	<i>white buna-N</i>	DBV-WB400



clamp with black buna gasket
Note: Supplied clamp gasket must be installed prior to use, ships separately.

Replacement Gaskets

Size	Material	Part #
2"	<i>FKM-B</i>	G200VB
3"	<i>FKM-B</i>	G300VB
4"	<i>FKM-B</i>	G400VB
3"	<i>buna-N</i>	G300T
4"	<i>buna-N</i>	G400T
2"	<i>Baylast™</i>	G200BL
3"	<i>Baylast™</i>	G300BL
4"	<i>Baylast™</i>	G400BL
4"	<i>white buna-N</i>	G400N



Painted Iron Clamps with Baylast™ Gaskets

Features:

- painted red
- Baylast™ seal is rated for biodiesel, Ethanol, diesel, gas and ULSD

Size	Maximum PSI	Iron Part #
2"	500	L02BL
3"	300	L03BL
4"	300	L04BL

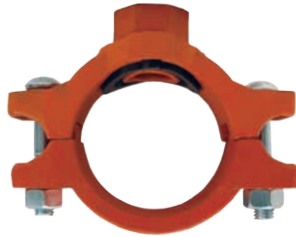




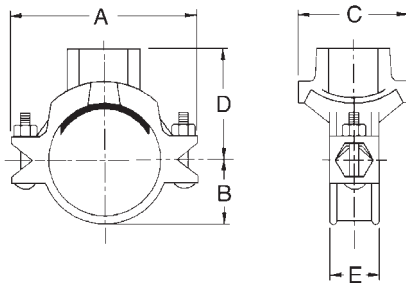
Mechanical Tees - Series T

Features:

- Provides a fast easy way to install a threaded connection along a length of pipe. After drilling or cutting a hole in the pipe at the location of the branch connection, simply attach the clamps around the pipe for a leak-free threaded outlet connection. See chart below for drilling hole specifications
- ductile iron body with rust inhibiting paint
- supplied with EPDM gasket
- Underwriters Listed and Factory Mutual approved
- maximum operating pressure: **300 PSI at 70°F (21°C)**
- see pages 695, 701 for replacement gaskets, nuts and bolts
- Comparable to: Victaulic's #920 Grinnell's #7045



Nominal Size	Branch Size	Hole Saw Diameter	Maximum End Load (Lbs.)	Bolts			Ductile Iron Part #
				qty	size	length	
2"	1"	1½"	1⅝"	2	⅜"	2"	MT2010
	1¼"	1¾"	1⅞"	2	⅜"	2"	MT20125
	1½"	1¾"	1⅞"	2	⅜"	2"	MT20150
2½"	1¼"	2"	2⅛"	2	½"	2⅝"	MT250125
3"	1"	1½"	1⅝"	2	½"	2¾"	MT3010
	1½"	2"	2⅛"	2	½"	2¾"	MT30150
4"	1"	1½"	1⅝"	2	½"	2¾"	MT4010
	1¼"	2"	2⅛"	2	½"	2¾"	MT40125
	1½"	2"	2⅛"	2	½"	2¾"	MT40150
	2"	2½"	2⅝"	2	½"	2¾"	MT4020
	2½"	2¾"	2⅞"	2	½"	2¾"	MT40250
6"	3"	3½"	3⅝"	2	½"	2¾"	MT4030
	1¼"	2½"	2⅝"	2	⅝"	3¼"	MT60125
	1½"	2½"	2⅝"	2	⅝"	3¼"	MT60150
6"	2"	2½"	2⅝"	2	⅝"	3¼"	MT6020
	3"	3½"	3⅝"	2	⅝"	3¼"	MT6030



Dimensions

A	B	C	D	E
4½"	1⅝"	2¾"	2¼"	1⅞"
4½"	1⅝"	2¾"	2½"	1⅞"
4½"	1⅝"	2¾"	2½"	1⅞"
5-5/32"	1-11/16"	3"	2-31/32"	2"
5-13/16"	1-11/16"	3-11/32"	3"	2"
6-11/32"	2-1/8"	3-3/32"	3-1/16"	2"
6-11/32"	2-1/8"	3-3/4"	3-3/8"	2"
7-5/16"	2-9/16"	3-3/32"	3-1/2"	2"
7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"
7-5/16"	2-9/16"	3-3/4"	3-7/8"	2"
7-5/16"	2-9/16"	4-1/8"	4"	2"
7-5/16"	2-9/16"	4-3/8"	4"	2"
7-5/16"	2-9/16"	5-1/4"	4-1/4"	2"
10-5/32"	3-11/16"	4-1/8"	4-7/8"	2¼"
10-5/32"	3-11/16"	4-1/8"	4-7/8"	2¼"
10-5/32"	3-11/16"	4-1/8"	5"	2¼"
10-5/32"	3-11/16"	5-1/4"	5-3/8"	2¼"

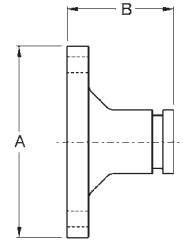
Flange Adapters - Series FA

Application:

- used to connect an ANSI Class 125 and 150 flange to a grooved pipe using a grooved clamp

Features:

- Provides a rigid one piece connection that can be disconnected by removing the clamp assembly. To assemble to another flange, position bolt heads on the adapter (grooved) side.
- ductile iron body with rust inhibiting paint



Pipe, Welding & Tube Fittings

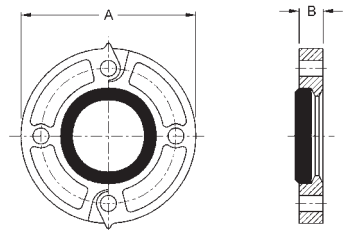
Nominal Size	Pipe OD	Maximum Working Pressure PSI at 70°F (21°C)	Flange Dimensions		Bolts		Ductile Iron Part #
			A	B	qty	size	
2"	2.375"	300	6"	2-3/8"	4	5/8"	FA20
3"	3.500"	300	7 1/4"	2-3/8"	4	5/8"	FA30
4"	4.500"	300	8 1/2"	2-3/8"	8	5/8"	FA40
6"	6.625"	300	11"	2-9/16"	8	3/4"	FA60
8"	8.625"	300	13 1/4"	3"	8	3/4"	FA80

ANSI Split Flanges - Series SF



Features:

- provides a direct connection between a grooved adapter and an ANSI Class 125 and 150 raised face flanged component
 - can be used with flat face flanges by removing the raised projections on the outside face of the flange.
 - ductile iron body with rust inhibiting paint
 - Underwriters Listed and Factory Mutual approved
 - Buna gaskets are available upon request
- Comparable to: Victaulic's #741, Grinnell's #7012



Nom. Size	Pipe OD	Max. Work. Press. PSI at 70°F (21°C)	Flange Dims.		Bolts		Ductile Iron with Gasket Part # ¹	Replacement EPDM Gaskets Part # ²
			A	B	qty	size		
2"	2.375"	300	6"	13/16"	4	5/8"	ANSI20	FLG200E
2 1/2"	2.875"	300	7"	13/16"	4	5/8"	ANSI25	FLG250E
3"	3.500"	300	7 1/2"	13/16"	4	5/8"	ANSI30	FLG300E
4"	4.500"	300	9"	15/16"	8	5/8"	ANSI40	FLG400E
6"	6.625"	300	11"	1"	8	3/4"	ANSI60	FLG600E
8"	8.625"	300	13 1/2"	1-1/8"	8	3/4"	ANSI80	FLG800E

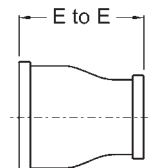
¹ with EPDM gasket
² replacement gasket

Reducing Adapters - Series RA



Features:

- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to: Victaulic's #50, Grinnell's #7072

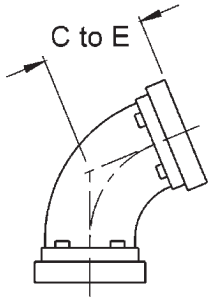


Nominal Size	Nominal Size	Dimensions E to E	Ductile Iron Part #
2"	1 1/2"	2.5"	RAGG20150
2 1/2"	2"	2.5"	RAGG25020
3"	2"	2.5"	RAGG3020
	2 1/2"	2.5"	RAGG30250
4"	2"	3.0"	RAGG4020
	2 1/2"	3.0"	RAGG40250
	3"	3.0"	RAGG4030
5"	4"	3.5"	RAGG5040
	2"	4.0"	RAGG6020
6"	2 1/2"	4.0"	RAGG60250
	3"	4.0"	RAGG6030
	4"	4.0"	RAGG6040



Grooved End Fittings - Series 45

Series 45



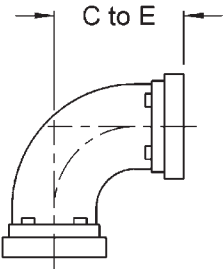
Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature **70°F (21°C)**
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #110
Grinnell's #7051

Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	2"	L2045
2½"	2¼"	L2545
3"	2½"	L3045
4"	3"	L4045
5"	3¼"	L5145
6"	3½"	L6045
8"	4¼"	L8045



Series 90



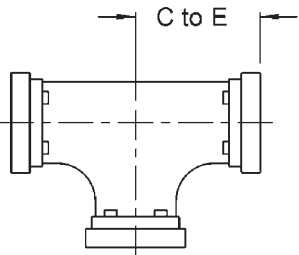
Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature **70°F (21°C)**
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #10
Grinnell's #7050

Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	3¼"	L502
2½"	3¾"	L5025
3"	4¼"	L503
4"	5"	L504
6"	6½"	L506
8"	7¾"	L508



Series T



Features:

- designed to provide minimum pressure drop and uniform strength
- maximum operating pressure: **500 PSI** at ambient temperature **70°F (21°C)**
- ductile iron body with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #20
Grinnell's #7060

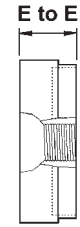
Nominal Size	Dimensions C to E	Ductile Iron Part #
2"	3¼"	T602
2½"	3¾"	T6025
3"	4¼"	T603
4"	5"	T604
6"	6½"	T606
8"	7¾"	T608

ANSI Caps with Tapped Outlet - Series EC

Feature:

- painted with rust inhibiting paint

Nominal Size	Outlet	Dimensions E to E	Ductile Iron Part #
2"	1"	7/8"	EC201
2½"	1"	7/8"	EC251
3"	1"	7/8"	EC301
4"	1"	1"	EC401
	2"	1"	EC402
6"	1"	1"	EC601
	2"	1"	EC602
8"	2"	1-3/16"	EC802

Pipe, Welding
& Tube Fittings

Blank Caps - Series BE



Features:

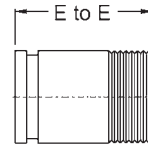
- painted with rust inhibiting paint
- Underwriters Listed and Factory Mutual approved
- Comparable to:
Victaulic's #60
Grinnell's #7074

Nominal Size	Dimensions E to E	Ductile Iron Part #
2"	7/8"	BEC20
2½"	7/8"	BEC25
3"	7/8"	BEC30
4"	1"	BEC40
6"	1"	BEC60
8"	1-3/16"	BEC80



Long Pipe Style Nipples - Series AN

Groove x NPT	Dimensions E to E	Carbon Steel Part #
2"	4"	A712
2½"	4"	A7125
3"	4"	A713
4"	6"	A714
5"	6"	A715
6"	6"	A716



Grooved End x Weld Nipples

Nominal Size	Aluminum Part #	Carbon Steel Part #	316 Stainless Steel Part #
2"	AVN2000-200	VN2000-200	VNR2000-200
2½"	AVN2500-200	VN2500-200	VNR2500-200
3"	AVN3000-200	VN3000-200	VNR3000-200
4"	AVN4000-200	VN4000-200	VNR4000-200



- For additional information on pipe dimensions please reference dixonvalve.com.

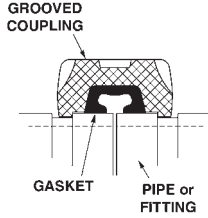
Grooved End Butterfly Valves

Features:

- for water and air applications
- working pressure: **300 PSI**
- maximum temperature: **210°F (99°C)**
- material: **body:** ductile iron, epoxy coated; **disc:** ductile iron, EPDM encapsulated; **stem:** stainless steel; **notch plate:** zinc plated steel; **seals:** EPDM

Size	Ductile Iron Part #
2"	GIBFV200
2½"	GIBFV250
3"	GIBFV300
4"	GIBFV400
6"	GIBFV600
8"	GIBFV800





Grooved Fitting Gaskets

- check gasket color code to be certain it is recommended for the service intended
- use lubricant on gasket (reference next page)
- for services not listed contact Dixon® for recommendations

FKM Gaskets

Features:


- temperature range: **-13°F to 350°F (-11°C to 177°C)**
- color code: black with blue stripe
- resistant to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants



Size	FKM Part #
2"	G200V
3"	G300V
4"	G400V
6"	G600V
8"	G800V
10"	G1000V
12"	G1200V

EPDM Gaskets

Features:


- temperature range: **-22°F to 230°F (-30°C to 110°C)**
- color code: black with green stripe
- for water, dilute acids, alkalis, salts, and many chemical services not involving hydrocarbons, oils, or gases
- excellent oxidation resistance
- *not for use with hydrocarbons* 



Size	EPDM Part #
1½"	G150E
2"	G200E
2½"	G250E
3"	G300E
4"	G400E
5"	G500E
6"	G600E
8"	G800E
10"	G1000E
12"	G1200E

Buna Gaskets

Features:

- temperature range: **-24°F to 176°F (-31°C to 80°F)**
- for petroleum products, vegetable oils, mineral oils, and air contaminated with petroleum oils
- *not for use in hot water services* 



Size	Black Buna with orange stripe Part #	White Buna Part #
1½"	G150T	---
2"	G200T	---
2½"	G250T	---
3"	G300T	---
4"	G400T	G400N
5"	G500T	---
6"	G600T	---
8"	G800T	---
10"	G1000T	---
12"	G1200T	---

Grooved Fitting Accessories

Nuts and Bolts

Features:

- the nuts are a heavy hexagon design
- specifically designed for use with the couplings on pages 691-696

Specification:

- conforms to ASTM A183

Bolt Thread	Bolt Length	Torque Ft. Lbs.	Electroplated Carbon Steel Part #
3/8"	2"	30	BLT38200
3/8"	2¼"	30	BLT38225
1/2"	2½"	50	BLT50212
1/2"	2¾"	50	BLT50234
1/2"	3"	50	BLT50300
5/8"	3¼"	75	BLT58314
3/4"	4¼"	75	BLT75414
7/8"	5"	200	BLT78500



Groove Lube

Features:

- water soluble
- non-toxic
- non-corrosive
- non-flammable
- *should not be used with HDPE pipe*

**Specification:**

- NSF approved for use with potable water

Size	Container	Part #
1 qt.	Tub	GROOVLUB32



High Density Polyethylene (HDPE) Couplings

Pipe, Welding
& Tube Fittings



Applications:

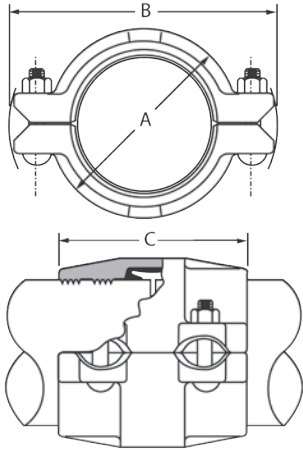
- designed for mechanically joining high density polyethylene pipe and fittings

Features:

- ductile iron body with rust inhibiting paint
- uses four bolts to drive the sharply machined housing teeth into the outside of the pipe

- Comparable to:
Grinnell's #9095

Nominal Size	Pipe OD	Bolts			Ductile Iron	
		qty	size	length	Part # with EPDM gasket	Part # with Buna-N gasket
2"	2.375"	4	1/2"	2 3/8"	HDPE200	HDPE200BU
3"	3.500"	4	1/2"	3"	HDPE300	HDPE300BU
4"	4.500"	4	1/2"	3"	HDPE400	HDPE400BU
6"	6.625"	4	5/8"	3 1/2"	HDPE600	HDPE600BU



Dimensions

A	B	C
3 3/8"	5 1/2"	4 5/8"
4 5/8"	6 3/4"	4 5/8"
5 1/4"	8"	5 3/4"
7 1/2"	11"	5 7/8"

Y Line Strainers

Cast Iron

Features:

- graphite gasket
- working pressure: **400 PSI WOG, 250 PSI steam**
- plug ported for blowdown service
- no replacement screens available

Female NPT	Description	Cast Iron Part #
1/4"	20 x 20 mesh	Y001
3/8"		Y002
1/2"		Y003
3/4"		Y004
1"		Y005
1 1/4"		Y006
1 1/2"		Y007
2"		Y008



Cast Bronze

Feature:

- working pressure: **400 PSI WOG, 125 PSI steam**

Female NPT	Description	Cast Bronze Part #	304 Stainless Replacement Screens Part #
1/4"	50 x 50 mesh	59-001	G3271-00
3/8"	50 x 50 mesh	59-002	G2457-00
1/2"	50 x 50 mesh	59-003	G2457-00
3/4"	20 x 20 mesh	59-004	G3224-00
1"	20 x 20 mesh	59-005	G3225-00
1 1/4"	20 x 20 mesh	59-006	G3231-00
1 1/2"	20 x 20 mesh	59-007	G3229-00
2"	20 x 20 mesh	59-008	G3230-00



replacement screen

Polypropylene

Features:

- protects and prevents clogging of pipelines, pumps and spray tips
- glass-filled polypropylene body
- easy access for cleaning
- maximum operating pressure: **90 PSI at 70°F (21°C)**

Female NPT	Description	Polypropylene Part #	304 Stainless Replacement Screens Part #
3/4"	40 mesh	PYLS7540	64178
1"	40 mesh	PYLS10040	61746
1 1/2"	40/20 mesh	PYLS15040	61509
2"	40/20 mesh	PYLS20040	61509



replacement screen

Polypropylene T Line Strainers

Features:

- white polypropylene allows easy inspection
- maximum operating pressure: **100 PSI at 70°F (21°C)**

Female NPT	Description	Polypropylene Part #	304 Stainless Replacement Screens Part #
3/4"	50 mesh	PTLS7540	61405
1"	40 mesh	PTLS10040	61405

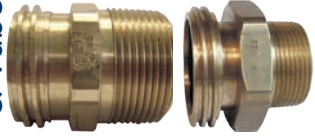


LP Gas Couplings and Adapters

Specifications:

- products meet or exceed the requirements of Compressed Gas Association (CGA), the National Fire Protection Association (NFPA), the Canadian Gas Association, American Society of Mechanical Engineers (ASME) and Underwriters Laboratories (UL)

Pipe, Welding & Tube Fittings



ME217

ME233



ME502-12/8

ME503-16

Male Acme x Male NPT Adapters

Male Acme	Male NPT	Female NPT	Brass Part #
1 3/4"	1 1/4"	--	ME217
2 1/4"	1 1/4"	--	ME233
2 1/4"	1 1/2"	1"	ME502-12/8 ¹
3 1/4"	2"	--	ME503-16

¹ dual threads - male outside / female inside

Male Acme x Female NPT Adapters



Male Acme	Female NPT	Brass Part #
1 3/4"	1"	ME214
3 1/4"	2"	ME252-16

Male Acme x Male NPT Adapters



ME217S

ME503S-16

Male Acme	Male NPT	Steel Part #
1 3/4"	1 1/4"	ME217S
2 1/4"	1 1/4"	ME233S
3 1/4"	2"	ME503S-16

Male Acme x Female NPT Adapter



Male Acme	Female NPT	Steel Part #
3 1/4"	2"	ME252S-16

Female Acme x Male Acme Adapters



brass

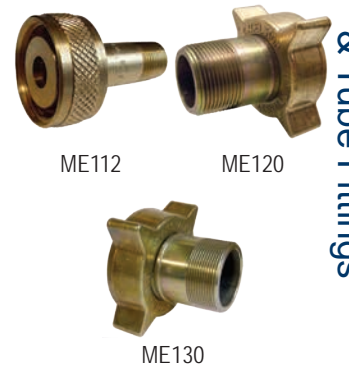
steel

Female Acme	Male Acme	Material	Part #
3 1/4"	1 3/4"	brass	ME612
3 1/4"	1 3/4"	steel	ME612S

LP Gas Couplings and Adapters

Female Acme x Male NPT Filler Couplings, Brass Nut

Female Acme	Male NPT	Material	Part #
1 3/4"	1"	brass nut, brass nipple	ME112
2 1/4"	1 1/4"	brass nut, brass nipple	ME120
2 1/4"	1 1/4"	brass nut, steel nipple	ME120S
3 1/4"	2"	brass nut, steel nipple	ME130



Pipe, Welding & Tube Fittings

Female Acme x Male NPT Filler Couplings, Steel Nut

Female Acme	Male NPT	Steel Part #
1 3/4"	1"	ME112S
2 1/4"	1 1/4"	ME121S
3 1/4"	2"	ME130S



Acme Gaskets

Size	Nitrile Part #
1 3/4"	MEW2
2 1/4"	MEW5
3 1/4"	MEW6



Clamp Style Hose Couplings

Features:

- clamp sections and hose barbs are made of steel and ductile iron
- 32B and 32S sizes offer a female Acme swivel to eliminate the need to add additional weight and bulk to the hose assembly

Hose Barb	Thread Size	Material	Part #
1"	1" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-16
1 1/4"	1 1/4" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-20
1 1/2"	1 1/2" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-24
2"	2" male NPT	steel nipple, 2-piece ductile iron clamp	ME3162-32
2"	3 1/4" female Acme	steel nipple, brass nut, 2-piece ductile iron clamp	ME3162-32B
2"	3 1/4" female Acme	steel nipple, steel nut, 2-piece ductile iron clamp	ME3162-32S



Acme Spanner Wrench

Feature:

- used on 1 3/4", 2 1/4", 3 1/4" and 4 1/4" fittings

Aluminum Part #
MEP120B



LP Gas Hose Caps and Plugs

Metal Caps



ME229



ME441F

Female Acme Threads	Description	Material	Part #
1 3/4"	cap with ring and chain	brass	ME229-1
1 3/4"	cap with ring and chain	steel	ME229S-1
2 1/4"	cap with knob plug and chain	brass	ME431F-1
2 1/4"	cap with knob plug, ring and chain	steel	ME431FS-1
3 1/4"	cap with knob plug, ring and chain	brass	ME441F-1
3 1/4"	cap with knob plug, ring and chain	steel	ME441FS-1

Plastic Caps



ME109-1



ME109-NH3-1

Female Acme Threads	Description	Plastic Part #
1 3/4"	cap with ring and chain, yellow	ME109-1
1 3/4"	cap with chain assembly, for anhydrous service	ME109-NH3-1

Plastic Dust Plugs



ME179-1



ME180-1



ME181-1

Male Acme Threads	Description	Plastic Part #
1 3/4"	plug with dust seal and chain assembly, yellow	ME179-1
2 1/4"	plug with dust seal and chain assembly, yellow	ME180-1
3 1/4"	plug with dust seal and chain assembly, yellow	ME181-1

Instrumentation Fittings

Applications:

- high pressure
- high temperature
- nitrogen
- helium
- flammable gases
- hydraulic gases
- corrosive media
- pneumatic automation

Features:

- Instrumentation fittings come completely assembled.
- fully interchangeable with Swagelok® and Parker A-Lok®, all fittings are ASTM F 1387 Certified
- double collet (ferrule) swaging action
- two positive seal points
- ASTM 316 stainless steel material construction
- temperature range: **-325°F to 1200°F (-198°C to 648°C)**
- pressure ratings: see chart to the left, ratings listed are for reference only

Installation Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Insert the tubing into the assembly making sure the tubing seats firm against the shoulder of the body and the nut is finger tight.
3. Tighten the nut with a wrench 1¼ turns, while holding the body with a second wrench.

Suggested Working Pressures (PSI)

wall thk.	.028	.035	.049	.065	.083	.095	.109
¼"	4,000	5,100	7,500	10,100	---	---	---
⅜"	---	3,300	4,700	6,600	---	---	---
½"	---	2,600	3,700	5,000	6,600	---	---
⅝"	---	---	2,900	3,900	5,200	6,000	---
¾"	---	---	2,400	3,200	4,200	4,900	5,700

Safety Guidelines:

- Never connect, disconnect or remake a fitting with pressure in the system.
- Make sure all fittings are properly installed.
- It is not recommended to go beyond the pressure rating of the tubing. Elongation could occur in the tubing, shrinking the wall thickness and causing potential harm.
- For proper sealing it is recommended that the tubing and fittings be of like material.
- Always use proper thread lubricant and sealants on tapered pipe threads.
- Never bleed a system by loosening a fitting.

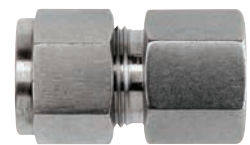
Male Connectors

Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
⅛"	⅛"-27 ¼"-18	200-1-2	2-DMC-2	10
		200-1-4	2-DMC-4	10
¼"	⅛"-27 ¼"-18 ⅜"-18 ½"-14	400-1-2	4-DMC-2	10
		400-1-4	4-DMC-4	10
		400-1-6	4-DMC-6	10
		400-1-8	4-DMC-8	10
⅜"	¼"-18 ⅜"-18 ½"-14	600-1-4	6-DMC-4	10
		600-1-6	6-DMC-6	10
		600-1-8	6-DMC-8	10
½"	¼"-18 ⅜"-18 ½"-14	810-1-4	8-DMC-4	10
		810-1-6	8-DMC-6	10
		810-1-8	8-DMC-8	10
⅝"	½"-14	1010-1-8	10-DMC-8	10
¾"	½"-14 ¾" 1"	1210-1-8	12-DMC-8	10
		1210-1-12	12-DMC-12	10
		1210-1-16	12-DMC-16	10
1"	¾" 1"	1610-1-12	16-DMC-12	10
		1610-1-16	16-DMC-16	10



Female Connectors

Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
⅛"	⅛"-27	200-7-2	2-DFC-2	10
¼"	⅛"-27 ¼"-18	400-7-2	4-DFC-2	10
		400-7-4	4-DFC-4	10
⅜"	¼"-18 ½"-14	600-7-4	6-DFC-4	10
		600-7-8	6-DFC-8	10
½"	½"-14	810-7-8	8-DFC-8	10
⅝"	½"	1010-7-8	10-DFC-8	10
¾"	½" ¾"	1210-7-8	12-DFC-8	10
		1210-7-12	12-DFC-12	10
1"	1"	1610-7-16	16-DFC-16	10



Instrumentation Fittings

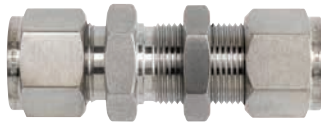
Pipe, Welding
& Tube Fittings



Unions

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8" x 1/8"	200-6	2-DU	10
1/4" x 1/8"	400-6-2	4-DU-2	10
1/4" x 1/4"	400-6	4-DU	10
3/8" x 1/4"	600-6-4	6-DU-4	10
3/8" x 3/8"	600-6	6-DU	10
1/2" x 1/2"	810-6	8-DU	10
5/8" x 5/8"	1010-6	10-DU	10
3/4" x 3/4"	1210-6	12-DU	10
1" x 1"	1610-6	16-DU	10

Bulkhead Unions



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-61	4-DBHU-4	10
3/8"	600-61	6-DBHU-6	10
1/2"	810-61	8-DBHU-8	10
5/8"	1010-61	10-DBHU-10	10
3/4"	1210-16	12-DBHU-12	10
1"	1610-16	16-DBHU-16	10

Reducers



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4" x 1/8"	400-R-2	4-DRATT-2	10
3/8" x 1/4"	600-R-4	6-DRATT-4	10
3/8" x 1/2"	600-R-8	6-DRATT-8	10
1/2" x 3/4"	810-R-12	8-DRATT-12	10
3/4" x 1/2"	1210-R-8	12-DRATT-8	10
3/4" x 1"	1210-R-16	12-DRATT-16	10

Male Elbows



Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/8"-27	400-2-2	4-DME-2	10
	1/4"-18	400-2-4	4-DME-4	10
3/8"	1/4"-18	600-2-4	6-DME-4	10
	3/8"-18	600-2-6	6-DME-6	10
1/2"	1/2"-14	810-2-8	8-DME-8	10
3/4"	1/2"-14	1210-2-8	12-DME-8	10
	3/4"	1210-2-12	12-DME-12	10
1"	3/4"	1610-2-12	16-DME-12	10
	1"	1610-2-16	16-DME-16	10

Female Elbows



Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/8"-27	400-8-2	4-DFE-2	10
3/8"	1/4"-18	600-8-4	6-DFE-4	10
1/2"	1/2"-14	810-8-8	8-DFE-8	10
3/4"	1/2"	1210-8-8	12-DFE-8	10
3/4"	3/4"	1210-8-12	12-DFE-12	10
1"	1"	1610-8-16	16-DFE-16	10

Instrumentation Fittings

Union Elbows

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-9	4-DELU-4	10
3/8"	600-9	6-DELU-6	10
1/2"	810-9	8-DELU-8	10
5/8"	1010-9	10-DELU-10	10
3/4"	1210-9	12-DELU-12	10
1"	1610-9	16-DELU-16	10



Pipe, Welding & Tube Fittings

Male Branch Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	1/8"-27	200-3TTM	2-DTTM-2	10
1/4"	1/4"-18	400-3-4TTM	4-DTTM-4	10
1/2"	3/8"	810-3TTM	8-DTTM-6	10
1/2"	1/2"	810-3-8TTM	8-DTTM-8	10
3/4"	1/2"	1210-3-8TTM	12-DTTM-8	10
3/4"	3/4"	1210-3TTM	12-DTTM-12	10
1"	3/4"	1610-3-12TTM	16-DTTM-12	10
1"	1"	1610-3-16TTM	16-DTTM-16	10



Female Branch Tees

Tube OD	Female NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	1/4"-18	400-3-4TTF	4-DTTF-4	10



Union Tees

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-3	4-DTTT-4	10
3/8"	600-3	6-DTTT-6	10
1/2"	810-3	8-DTTT-8	10
5/8"	1010-3	10-DTTT-10	10
3/4" x 3/8"	1210-3-12-6	12-DTTT-6	10
3/4" x 1/2"	1210-3-12-8	12-DTTT-8	10
3/4"	1210-3	12-DTTT-12	10
1" x 3/4"	1610-3-12-16	16-DTTT-12	10
1"	1610-3	16-DTTT-16	10



Male Run Tees

Tube OD	Male NPT	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	1/8"-27	200-3TMT	2-DTMT-2	10
1/4"	1/4"-18	400-3-4TMT	4-DTMT-4	10
3/8"	1/4"-18	600-3TMT	6-DTMT-4	10
1/2"	3/8"	810-3TMT	8-DTMT-6	10
1/2"	1/2"	810-3-8TMT	8-DTMT-8	10
3/4"	3/4"	1210-3TMT	12-DTMT-12	10
1"	1"	1610-3-16TMT	16-DTMT-16	10



Instrumentation Fittings



Front Ferrules

Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	203-1	DFC-2	10
1/4"	403-1	DFC-4	10
3/8"	603-1	DFC-6	10
1/2"	813-1	DFC-8	10
5/8"	1013-1	DFC-10	10
3/4"	1213-1	DFC-12	10
1"	1613-1	DFC-16	10

Rear Ferrules



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/8"	204-1	DRC-2	10
1/4"	404-1	DRC-4	10
3/8"	604-1	DRC-6	10
1/2"	814-1	DRC-8	10
5/8"	1014-1	DRC-10	10
3/4"	1214-1	DRC-12	10
1"	1614-1	DRC-16	10

Nuts



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	402-1	DN-4	10
3/8"	602-1	DN-6	10
1/2"	812-1	DN-8	10
5/8"	1012-1	DN-10	10
3/4"	1212-1	DN-12	10
1"	1612-1	DN-16	10

Caps



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-C	4-DCAP	10
3/8"	600-C	6-DCAP	10
1/2"	810-C	8-DCAP	10
5/8"	1010-C	10-DCAP	10
3/4"	1210-C	12-DCAP	10
1"	1610-C	16-DCAP	10

Plugs



Tube OD	Interchanges	316 Stainless Steel Part #	Pkg Qty
1/4"	400-P	4-DFPLUG	10
3/8"	600-P	6-DFPLUG	10
1/2"	810-P	8-DFPLUG	10
5/8"	1010-P	10-DFPLUG	10
3/4"	1210-P	12-DFPLUG	10
1"	1610-P	16-DFPLUG	10

Compression Fittings

Applications:

- for use with copper, aluminum and Parflex thermoplastic tubing
- not recommended for steel tubing or applications using gaseous media

Features:

- no flaring, soldering or other preparation of tubing necessary to assemble
- manufactured for connection to low and medium pressure tubing connection work where excessive vibration or tube movement is not involved
- Underwriter's Laboratories listed for flammable liquid
- Compression fittings meet functional requirements of SAE J-512 and ASA.

Assembly Instructions:

1. Slide nut, then sleeve onto tubing. The thread end of the nut must face outward.
2. Insert the tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.
3. Assemble nut to body, than tighten hand-tight. Then follow the number of wrench turns as indicated in the table below.

Fitting Size	Tube OD	Tube Wall	Turns required to seal from hand-tight		PSI @ 73°F (23°C)
			60C Series with soft metal tubing	60PT Series with thermoplastic tubing	
2"	1/8"	.030	1¼	-	400
3"	3/16"	.030	1¼	-	400
4"	1/4"	.030	1¼	2	300
5"	5/16"	.032	1¼	2	300
6"	3/8"	.032	2¼	2	200
8"	1/2"	.032	2¼	2	200
10"	5/8"	.035	2¼	2	150
12"	3/4"	.035	2¼	2	100
14"	7/8"	.035	2¼	-	75

Male Connectors

Feature:

- reference SAE 060102 BA

Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	68C-0202
3/16"	1/8"	68C-0302
	1/4"	68C-0304
1/4"	1/8"	68C-0402
	1/4"	68C-0404
	3/8"	68C-0406
5/16"	1/2"	68C-0408
	1/8"	68C-0502
	1/4"	68C-0504
3/8"	1/8"	68C-0602
	1/4"	68C-0604
	3/8"	68C-0606
	1/2"	68C-0608
7/16"	1/4"	68C-0704
1/2"	1/4"	68C-0804
	3/8"	68C-0806
	1/2"	68C-0808
5/8"	3/8"	68C-1006
	1/2"	68C-1008
	3/4"	68C-1012
3/4"	1/2"	68C-1208
	3/4"	68C-1212
7/8"	3/4"	68C-1412



Compression Fittings

Female Connectors

Feature:

- reference SAE 060103 BA



Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	66C-0202
3/16"	1/8"	66C-0302
	1/4"	66C-0304
1/4"	1/8"	66C-0402
	1/4"	66C-0404
5/16"	1/8"	66C-0502
	1/4"	66C-0504
3/8"	1/8"	66C-0602
	1/4"	66C-0604
	3/8"	66C-0606
1/2"	1/2"	66C-0608
	1/4"	66C-0804
	3/8"	66C-0806
5/8"	1/2"	66C-0808
	1/2"	66C-1008

Unions

Feature:

- reference SAE 060101 BA



Tube Size	Brass Part #
1/8"	62C-02
3/16"	62C-03
1/4"	62C-04
5/16"	62C-05
3/8"	62C-06
7/16"	62C-07
1/2"	62C-08
5/8"	62C-10
3/4"	62C-12
7/8"	62C-14

Union Reducers

Feature:

- reference SAE 060101 BA



Tube Size	Brass Part #
1/4" x 3/16"	62C-0403
3/8" x 1/4"	62C-0604
1/2" x 3/8"	62C-0806
5/8" x 3/8"	62C-1006

Bulkhead Unions



Tube Size	Brass Part #
1/4"	62CBH-04
3/8"	62CBH-06

Compression Fittings

Straight Through Tank Fittings

Tube Size	Pipe Thread	Brass Part #
3/16"	1/8"	682C-0302
3/8"	3/8"	682C-0606
1/2"	1/2"	682C-0808



Pipe, Welding & Tube Fittings

Female Elbows

Feature:

- reference SAE 060203 BA

Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	170C-0202
3/16"	1/8"	170C-0302
1/4"	1/8"	170C-0402
	1/4"	170C-0404
3/8"	1/4"	170C-0604
	3/8"	170C-0606
7/16"	1/4"	170C-0704
1/2"	3/8"	170C-0806



Male Elbows

Feature:

- reference SAE 060202 BA

Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	269C-0202
3/16"	1/8"	169C-0302
	1/4"	169C-0304
1/4"	1/8"	169C-0402
	1/4"	169C-0404
	3/8"	169C-0406
5/16"	1/8"	169C-0502
	1/4"	169C-0504
	3/8"	169C-0506
3/8"	1/8"	169C-0602
	1/4"	169C-0604
	3/8"	169C-0606
	1/2"	169C-0608
1/2"	1/4"	169C-0804
	3/8"	169C-0806
	1/2"	169C-0808
5/8"	1/2"	169C-1008
3/4"	1/2"	169C-1208
	3/4"	169C-1212



45° Elbows

Tube Size	Pipe Thread	Brass Part #
1/4"	1/8"	179C-0402
	1/4"	179C-0404
3/8"	1/8"	179C-0602
	1/4"	179C-0604
1/2"	3/8"	179C-0606
	3/8"	179C-0806



Compression Fittings

Union Elbows

Feature:

- reference SAE 060201 BA



Tube Size	Brass Part #
1/8"	165C-02
3/16"	165C-03
1/4"	165C-04
5/16"	165C-05
3/8"	165C-06
7/16"	165C-07
1/2"	165C-08
5/8"	165C-10
3/4"	165C-12

Male Branch Tees

Feature:

- reference SAE 060425 BA



Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	172C-0202
3/16"	1/8"	172C-0302
1/4"	1/8"	172C-0402
	1/4"	172C-0404
3/8"	1/8"	172C-0602
	1/4"	172C-0604
	3/8"	172C-0606
1/2"	3/8"	172C-0806

Female Branch Tee



Tube Size	Pipe Thread	Brass Part #
1/4"	1/8"	177C-0402

Union Tees

Feature:

- reference SAE 060401 BA



Tube Size 1 and 2	Tube Size 3	Brass Part #
1/8"	1/8"	164C-02
3/16"	3/16"	264C-03
1/4"	1/4"	164C-04
5/16"	5/16"	164C-05
3/8"	3/8"	164C-06
1/2"	1/2"	164C-08
5/8"	5/8"	164C-10
3/4"	3/4"	164C-12
3/8"	1/4"	164C-06-06-04
1/2"	3/8"	164C-08-08-06

Compression Fittings

Male Run Tees

Feature:

- reference SAE 060424 BA

Tube Size	Pipe Thread	Brass Part #
1/8"	1/8"	171C-0202
3/16"	1/8"	171C-0302
1/4"	1/8"	171C-0402
1/4"	1/4"	171C-0404
3/8"	1/4"	171C-0604



Pipe, Welding & Tube Fittings

Adapter Tee

Tube Size	Male Pipe Thread	Female Straight Thread	Brass Part #
1/4"	1/8"	7/16"-24	176C-0402



Seal Plug

Tube Size	Brass Part #
1/4"	639C-04



Inserts

Tube Size	Tube Wall Thickness	Brass Part #
1/8"	.016"	63PT-0216
	.023"	63PT-0223
3/16"	.025"	63PT-0325
	.040"	63PT-0340
1/4"	.040"	63PT-0440
	.062"	63PT-0462
5/16"	.040"	63PT-0540
	.062"	63PT-0562
3/8"	.062"	63PT-0662
1/2"	.062"	63PT-0862
5/8"	.062"	63PT-1062



- Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Brass Sleeves

Feature:

- reference SAE 060115

Tube Size	Brass Part #
1/8"	60C-02
3/16"	60C-03
1/4"	60C-04
5/16"	60C-05
3/8"	60C-06
7/16"	60C-07
1/2"	60C-08
5/8"	60C-10
3/4"	60C-12
7/8"	60C-14



Compression Fittings



Acetal Sleeves

Tube Size	Acetal Part #
1/4"	60PT-04
5/16"	60PT-05
3/8"	60PT-06
1/2"	60PT-08
5/8"	60PT-10

- Acetal sleeves and brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Nuts

Feature:

- reference SAE 060110



Tube Size	Straight Thread	Brass Part #
1/8"	5/16"-24	61C-02
3/16"	3/8"-24	61C-03
1/4"	7/16"-24	61C-04
5/16"	1/2"-24	61C-05
3/8"	9/16"-24	61C-06
7/16"	5/8"-24	61C-07
1/2"	11/16"-20	61C-08
5/8"	13/16"-18	61C-10
3/4"	1"-18	61C-12
7/8"	1-1/8"-18	61C-14

Long Nuts

Feature:

- reference SAE 060111



Tube Size	Straight Thread	Brass Part #
1/4"	7/16"-24	61CL-04
5/16"	1/2"-24	61CL-05
3/8"	9/16"-24	61CL-06
1/2"	11/16"-20	61CL-08
5/8"	13/16"-18	61CL-10
3/4"	1"-18	61CL-12

Brass SAE 45° Flare Fittings

Applications:

- for use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared

Features:

- economical fitting
- resists mechanical pullout
- easy to disassemble and may be reassembled repeatedly, for a leak-proof connection
- manufactured from CA 360, CA 345, or CA377 brass
- for use with hard-to-hold liquids and gases
- Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE J512 and J513, ASA and MS (Military Standards).
- temperature range: **-65°F to 250°F (-54°C to 121°C)**

Working Pressure Ranges:

Temperature and type of tubing used are important factors, the following table is a general guide for proper selection. The PSI rating given is based on a temperature of **73°F (22°C)** using copper tubing.

PSI	Tube OD	Tube Wall
1400	1/4"	.030
1000	3/8"	.032
750	1/2"	.032
650	5/8"	.035
550	3/4"	.035

Assembly Instructions:

1. Cut tubing squarely and clean tube end thoroughly to remove burrs.
2. Place nut onto tube. Place threaded end of nut toward end of tube.
3. Flare tube end with flaring tool to provide 45° flare (flare tools are available, please contact Dixon® for pricing and availability).
4. Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 turn for a metal-to-metal seal.

Male Connectors

Feature:

- reference SAE 010102

Tube Size	Pipe Size	Straight Thread	Hex	Brass Part #
1/4"	1/4"	7/16"-20	9/16"	48F-4-4
	3/8"	7/16"-20	11/16"	48F-4-6
	1/2"	7/16"-20	7/8"	48F-4-8
3/8"	1/8"	5/8"-18	5/8"	48F-6-2
	1/4"	5/8"-18	5/8"	48F-6-4
	3/8"	5/8"-18	11/16"	48F-6-6
1/2"	1/2"	5/8"-18	7/8"	48F-6-8
	1/4"	3/4"-16	3/4"	48F-8-4
	3/8"	3/4"-16	3/4"	48F-8-6
5/8"	1/2"	3/4"-16	7/8"	48F-8-8
	3/8"	7/8"-14	7/8"	48F-10-6
3/4"	3/4"	1-1/16"-14	1-1/16"	48F-12-12



Female Connectors

Feature:

- reference SAE 010103

Tube Size	Pipe Size	Straight Thread	Hex	Brass Part #
1/4"	1/4"	7/16"-20	11/16"	46F-4-4
3/8"	1/4"	5/8"-18	11/16"	46F-6-4
	3/8"	5/8"-18	13/16"	46F-6-6
1/2"	1/2"	5/8"-18	1"	46F-6-8
	1/4"	3/4"-16	3/4"	46F-8-4
5/8"	3/8"	3/4"-16	13/16"	46F-8-6
	3/8"	7/8"-14	7/8"	46F-10-6



Brass SAE 45° Flare Fittings

Unions

Feature:

- reference SAE 010101



Tube Size	Straight Thread	Hex	Brass Part #
1/4"	7/16"-20	7/16"	42F-4
3/8"	5/8"-18	5/8"	42F-6
1/2"	3/4"-16	3/4"	42F-8

Male Elbows

Feature:

- reference SAE 010202



Tube Size	Pipe Size	Straight Thread	Brass Part #
1/4"	1/8"	7/16"-20	149F-4-2
	1/4"	7/16"-20	149F-4-4
	3/8"	7/16"-20	149F-4-6
3/8"	1/4"	5/8"-18	149F-6-4
	3/8"	5/8"-18	149F-6-6
	1/2"	5/8"-18	149F-6-8
1/2"	1/4"	3/4"-16	149F-8-4
	3/8"	3/4"-16	149F-8-6
	1/2"	3/4"-16	149F-8-8
5/8"	1/2"	7/8"-14	149F-10-8
3/4"	3/4"	1-1/16"-14	149F-12-12

Female Elbows

Feature:

- reference SAE 010203



Tube Size	Pipe Size	Straight Thread	Brass Part #
1/4"	1/4"	7/16"-20	150F-4-4
3/8"	3/8"	5/8"-18	150F-6-6
3/8"	1/2"	5/8"-18	150F-6-8

90° Swivel Elbows



Tube Size	Straight Thread	Brass Part #
1/4"	7/16"-20	166FSV-4-4
3/8"	5/8"-18	166FSV-6-6
1/2"	3/4"-16	166FSV-8-8

Brass SAE 45° Flare Fittings

45° Elbows

Feature:

- reference SAE 010302

Tube Size	Pipe Size	Straight Thread	Brass Part #
1/4"	1/4"	7/16"-20	159F-4-4
3/8"	1/4"	5/8"-18	159F-6-4
	3/8"	5/8"-18	159F-6-6
1/2"	1/4"	3/4"-16	159F-8-4
	3/8"	3/4"-16	159F-8-6
	1/2"	3/4"-16	159F-8-8



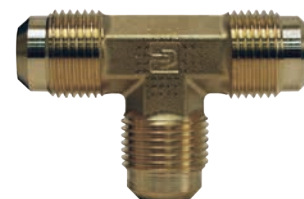
Pipe, Welding & Tube Fittings

Union Tees

Feature:

- reference SAE 010401

Tube Size	Straight Thread	Brass Part #
1/4"	7/16"-20	144F-4
3/8"	5/8"-18	144F-6
1/2"	3/4"-16	144F-8



Short Nuts

Features:

- short nut for use when vibration is minimal
- reference SAE 010110

Tube Size	Straight Thread	Hex	Brass Part #
1/4"	7/16"-20	9/16"	41FS-4
3/8"	5/8"-18	3/4"	41FS-6
1/2"	3/4"-16	7/8"	41FS-8



Long Nuts

Features:

- long nut offers additional vibration capacity
- reference SAE 010111

Tube Size	Straight Thread	Hex	Brass Part #
1/4"	7/16"-20	9/16"	41FL-4
3/8"	5/8"-18	3/4"	41FL-6
1/2"	3/4"-16	7/8"	41FL-8



Flareless Bite Fittings

Applications:

- chemical, pulp and paper, oil and gas refineries, military, air compressors and machine tools
- well-suited for a variety of processing and general hydraulic applications

Features:

- Ideally suited for use with tubing having medium to extra heavy wall thicknesses.
- 3 piece design, with only one ferrule eliminates possible make-up errors that may occur using a twin ferrule tube fitting.
- Minimal risk of improper assembly as the ferrule visibly bites into the tubing, allowing installer to visually inspect the bite quality.
- fittings are suitable for sub-zero through elevated temperature applications
- temperature rating is limited by the material chosen
- pressure ratings are determined by the size (OD) and wall thickness (inches/mm) of the tubing on which they are to be installed

Specifications:

- exceeds Military (MIL F18866) and SAE J514 standards

Assembly Instructions:

- cut, de-burr and clean tubing
- pre-set ferrule onto tubing
- inspect ferrule bite in tubing by disassembling the fitting and visually inspecting the de-burred end of tube for slight indentation
- finger tighten nut and then further wrench tighten nut another 1/3 to 1/2 turn

**Male Tube x Male NPTF Adapters**

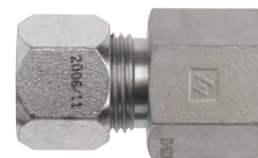
Tube OD	Male NPTF	Steel Part #
1/8"	1/8"	FLC2404-02
	1/4"	FLC2404-02-04
3/16"	1/8"	FLC2404-03-02
1/4"	1/8"	FLC2404-04-02
	1/4"	FLC2404-04
	3/8"	FLC2404-04-06
5/16"	1/2"	FLC2404-04-08
	1/8"	FLC2404-05-02
	1/4"	FLC2404-05-04
3/8"	1/8"	FLC2404-06-02
	1/4"	FLC2404-06-04
	3/8"	FLC2404-06
1/2"	1/2"	FLC2404-06-08
	1/4"	FLC2404-08-04
	3/8"	FLC2404-08-06
5/8"	1/2"	FLC2404-08
	3/4"	FLC2404-08-12
	3/8"	FLC2404-10-06
3/4"	1/2"	FLC2404-10-08
	3/4"	FLC2404-10-12
	1"	FLC2404-12-08
1"	3/4"	FLC2404-12
	1"	FLC2404-12-16
	3/4"	FLC2404-16-12
1-1/4"	1"	FLC2404-16
	1-1/4"	FLC2404-16-20
1-1/2"	3/4"	FLC2404-20-12
	1-1/4"	FLC2404-20
1-1/2"	1-1/2"	FLC2404-24

**Male Tube x Male 37° JIC**

Tube OD	Male 37° JIC	Steel Part #
1/4"	1/4"	FLC2402-04-04
3/8"	3/8"	FLC2402-06-06
1/2"	1/2"	FLC2402-08-08
3/4"	3/4"	FLC2402-12-12

Male Tube x Female NPTF Adapters

Tube OD	Female NPTF	Steel Part #
1/8"	1/8"	<i>FLC2405-02</i>
1/4"	1/8"	<i>FLC2405-04-02</i>
	1/4"	<i>FLC2405-04</i>
5/16"	1/8"	<i>FLC2405-05-02</i>
	1/4"	<i>FLC2405-06-04</i>
3/8"	3/8"	<i>FLC2405-06</i>
	1/2"	<i>FLC2405-08-04</i>
1/2"	3/8"	<i>FLC2405-08-06</i>
	1/2"	<i>FLC2405-08</i>
5/8"	1/2"	<i>FLC2405-10-08</i>
3/4"	3/4"	<i>FLC2405-12</i>
1"	1"	<i>FLC2405-16</i>
1-1/4"	1 1/4"	<i>FLC2405-20</i>



Pipe, Welding & Tube Fittings

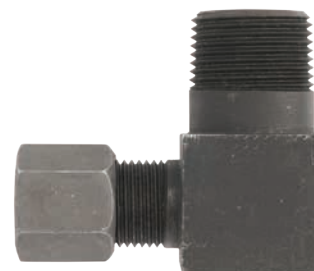
Tube Unions

Tube OD	Steel Part #
1/8"	<i>FLC2403-02</i>
3/16"	<i>FLC2403-03</i>
1/4"	<i>FLC2403-04</i>
5/16"	<i>FLC2403-05</i>
3/8"	<i>FLC2403-06</i>
1/2"	<i>FLC2403-08</i>
5/8"	<i>FLC2403-10</i>
3/4"	<i>FLC2403-12</i>
1"	<i>FLC2403-16</i>
1-1/4"	<i>FLC2403-20</i>
1-1/2"	<i>FLC2403-24</i>



Male Tube x Male NPTF Adapter 90° Elbows

Tube OD	Male NPTF	Steel Part #
1/8"	1/8"	<i>FLC2501-02</i>
3/16"	1/8"	<i>FLC2501-03-02</i>
	1/4"	<i>FLC2501-04-02</i>
1/4"	3/8"	<i>FLC2501-04-06</i>
	1/2"	<i>FLC2501-06-08</i>
5/16"	1/8"	<i>FLC2501-05-02</i>
	1/4"	<i>FLC2501-05-04</i>
3/8"	1/8"	<i>FLC2501-06-02</i>
	1/4"	<i>FLC2501-06-04</i>
1/2"	3/8"	<i>FLC2501-08-06</i>
	1/2"	<i>FLC2501-08</i>
5/8"	3/4"	<i>FLC2501-08-12</i>
	1"	<i>FLC2501-10-06</i>
3/4"	1/2"	<i>FLC2501-10-08</i>
	3/4"	<i>FLC2501-12-08</i>
1"	1/2"	<i>FLC2501-12-08</i>
	3/4"	<i>FLC2501-12</i>
1 1/4"	1"	<i>FLC2501-16-12</i>
	1 1/4"	<i>FLC2501-16</i>
1 1/2"	1 1/4"	<i>FLC2501-20</i>
	1 1/2"	<i>FLC2501-24</i>

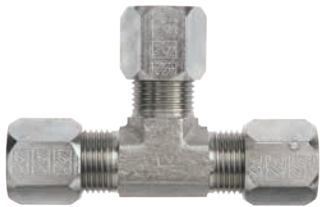




Male Union 90° Elbows

Tube OD	Steel Part #
1/4"	FLC2500-04
5/16"	FLC2500-05
3/8"	FLC2500-06
1/2"	FLC2500-08
5/8"	FLC2500-10
3/4"	FLC2500-12
1"	FLC2500-16
1-1/4"	FLC2500-20

Male Tube Union Tees



Tube OD	Steel Part #
1/8"	FLC2603-02
3/16"	FLC2603-03
1/4"	FLC2603-04
5/16"	FLC2603-05
3/8"	FLC2603-06
1/2"	FLC2603-08
5/8"	FLC2603-10
3/4"	FLC2603-12
1"	FLC2603-16
1-1/4"	FLC2603-20

Ferrules



Tube OD	Steel Part #
1/8"	FLC0319-02
3/16"	FLC0319-03
1/4"	FLC0319-04
5/16"	FLC0319-05
3/8"	FLC0319-06
1/2"	FLC0319-08
5/8"	FLC0319-10
3/4"	FLC0319-12
1"	FLC0319-16
1-1/4"	FLC0319-20
1-1/2"	FLC0319-24

Nuts



Tube OD	Steel Part #
1/8"	FLC0318-02
3/16"	FLC0318-03
1/4"	FLC0318-04
5/16"	FLC0318-05
3/8"	FLC0318-06
1/2"	FLC0318-08
5/8"	FLC0318-10
3/4"	FLC0318-12
1"	FLC0318-16
1-1/4"	FLC0318-20
1-1/2"	FLC0318-24

Sharkbite® Push to Connect Fittings

Applications:

- for **water, dry, clean air** or **100% glycol solutions** only
- connects copper, CPVC, and PEX pipe in any combination
- approved for use underground and behind walls without access panels



Features:

- no soldering, clamps, unions or glue needed
- pressure rating: **200 PSI at 200°F (93°C)**
- integral tube liner for PEX installations
- Fittings can be rotated after assembly for easier installation in tight spaces.
- easy to disconnect if needed
- design certified and listed to ASSE 1061/NSF 61
- listed by IAPMO
- meets UPC, IPC and cUPC requirements
- all Sharkbite® fittings are lead free

Pipe, Welding & Tube Fittings

Straight Couplings

Tube Size	Forged Brass Part #
1/2" x 1/2"	U008
3/4" x 3/4"	U016
1" x 1"	U020



Reducing Couplings

Tube Size	Forged Brass Part #
3/4" x 1/2"	U058
1" x 3/4"	U060



Straight Connectors

Tube Size	Female NPT	Forged Brass Part #
1/2"	1/2"	U072
3/4"	3/4"	U088
1"	1"	U094



Tube Size	Male NPT	Forged Brass Part #
1/2"	1/2"	U120
3/4"	3/4"	U134
1"	1"	U140



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Reducing Connectors

Tube Size	Female NPT	Forged Brass Part #
1/2"	3/4"	U068



Tube Size	Male NPT	Forged Brass Part #
1/2"	3/4"	U116



Sharkbite® Push to Connect Fittings

Pipe, Welding & Tube Fittings



Elbows

Tube Size	Forged Brass Part #
1/2" x 1/2"	U248
3/4" x 3/4"	U256
1" x 1"	U260

Drop Ear Elbow



Tube Size	Female NPT	Forged Brass Part #
1/2"	1/2"	U334

Tees



Tube Size	Forged Brass Part #
1/2"	U362
3/4"	U370

Reducing Tee



Tube Size (2)	Tube Size	Forged Brass Part #
3/4"	1/2"	U412

End Stops



Tube Size	Forged Brass Part #
1/2"	U514
3/4"	U518
1"	U520

Slip Couplings



Application:

- for use with copper pipe only



Tube Size	Forged Brass Part #
1/2"	U3008
3/4"	U3016

Disconnect Clips






Size	ABS Plastic Part #
1/2"	U710
3/4"	U712
1"	U714

LIQUIfit™ Fittings

Application:

- Suitable for water, potable liquids and neutral gas applications: including water filtration, water coolers, coffee machines and beverage dispensers.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- engineered polymer allows superior mechanical strength and chemical resistance
- full stainless gripping ring eliminates the need for locking clips
- release button protects and supports tubing
- FDA compliant
- meets California and Vermont <0.25% lead requirements
- NSF-51 listed for contact with food
- NSF-61 list C-Hot rated
- in compliance with the following standards:   

Specifications:

- working pressure:
 - 1/4" **230 PSI** from 35°F to 100°F (1.7°C to 38°C)
150 PSI at 150°F (66°C)
60 PSI at 200°F (93°C)
 - 3/8" **190 PSI** from 35°F to 100°F (1.7°C to 38°C)
100 PSI at 150°F (66°C)
60 PSI at 200°F (93°C)
 - 1/2" **160 PSI** from 35°F to 100°F (1.7°C to 38°C)
100 PSI at 150°F (66°C)
60 PSI at 200°F (93°C)
- maximum torque values for NPTF threads:
 - 1/8" and 1/4" 1.0 ft. lbs. / 1.5Nm
 - 3/8" and 1/2" 2.2 ft. lbs. / 3.0Nm

Male Connectors

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/8"	65055611WP2	10
	1/4"	65055614WP2	10
3/8"	1/4"	65056014WP2	10
	3/8"	65056018WP2	10
1/2"	3/8"	65056218WP2	5
	1/2"	65056222WP2	5



Female Connectors

Tube OD	Female NPTF	Nylon Part #	Pkg Qty
1/4"	1/4"	63155614WP2	10
3/8"	3/8"	63156018WP2	10



Faucet Connectors

Tube OD	Female UNS	Nylon Part #	Pkg Qty
1/4"	7/16-24	632556133WP2	10
3/8"	7/16-24	632560133WP2	10



Fixed Elbows

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/8"	65795611WP2	10
	1/4"	65795614WP2	10
	3/8"	65795618WP2	10
3/8"	1/4"	65796014WP2	10
	3/8"	65796018WP2	10



LIQUIfit™ Fittings

Pipe, Welding
& Tube Fittings

Union Elbows



Tube OD	Nylon Part #	Pkg Qty
1/4"	63025600WP2	10
3/8"	63026000WP2	10
1/2"	63026200WP2	5

Union Tees



Tube OD	Nylon Part #	Pkg Qty
1/4"	63045600WP2	10
3/8"	63046000WP2	10
1/2"	63046200WP2	5

Union Connectors



Tube OD 1	Tube OD 2	Nylon Part #	Pkg Qty
1/4"	1/4"	63065600WP2	10
	3/8"	63065660WP2	10
3/8"	3/8"	63066000WP2	10
	1/2"	63066062WP2	5
1/2"	1/2"	63066200WP2	5

Unequal Union Tee



Branch Tube OD (1)	Run Tube OD (2)	Nylon Part #	Pkg Qty
1/4"	3/8"	63046056WP2	10

Bulkhead Unions



Tube OD	Nylon Part #	Pkg Qty
1/4"	63165600WP2	10
3/8"	63166000WP2	10
1/2"	63166200WP2	5

Union Y Connectors



Tube OD	Nylon Part #	Pkg Qty
1/4"	63405600WP2	10
3/8"	63406000WP2	10
1/2"	63406200WP2	5

LIQUIfit™ Fittings

Swivel Elbows

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/8"	65095611WP2	10
	1/4"	65095614WP2	10
	3/8"	65095618WP2	10
3/8"	1/4"	65096014WP2	10
	3/8"	65096018WP2	10
1/2"	3/8"	65096218WP2	4
	1/2"	65096222WP2	4



Pipe, Welding & Tube Fittings

Swivel Branch Tees

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/8"	65085611WP2	10
	1/4"	65085614WP2	10
	3/8"	65085618WP2	10
3/8"	1/4"	65086014WP2	10
	3/8"	65086018WP2	10



Swivel Male Run Tees

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/8"	65035611WP2	10
	1/4"	65035614WP2	10
	3/8"	65035618WP2	10
3/8"	1/4"	65036014WP2	10
	3/8"	65036018WP2	10



Stem Adapters

Tube OD	Male NPTF	Nylon Part #	Pkg Qty
1/4"	1/4"	65215614WP2	10
	3/8"	65215618WP2	10
3/8"	1/4"	65216014WP2	10
	3/8"	65216018WP2	10
1/2"	3/8"	65216218WP2	5
	1/2"	65216222WP2	5



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End Stops

Tube OD	Nylon Part #	Pkg Qty
1/4"	63515600WP2	10
3/8"	63516000WP2	10



Plugs

Tube OD	Nylon Part #	Pkg Qty
1/4"	63265600WP2	10
3/8"	63266000WP2	10
1/2"	63266200WP2	5



LIQUIfit™ Fittings

Hose Stems



Tube OD	Stem	Nylon Part #	Pkg Qty
1/4"	1/4"	63225656WP2	10
3/8"	1/4"	63226056WP2	10
	5/16"	63226008WP2	10
1/2"	3/8"	63226060WP2	10
	3/8"	63226260WP2	10

Plug-in Reducers



Tube OD	Plug-in	Nylon Part #	Pkg Qty
1/4"	5/16"	63665608WP2	10
1/4"	3/8"	63665660WP2	10
3/8"	1/2"	63666062WP2	5

Plug-in Elbows



Tube OD	Plug-in	Nylon Part #	Pkg Qty
1/4"	1/4"	63825600WP2	10
3/8"	3/8"	63826000WP2	10
1/2"	1/2"	63826200WP2	5

Plug-in Tees



Tube OD	Plug-in	Nylon Part #	Pkg Qty
1/4"	1/4"	63885600WP2	10
3/8"	3/8"	63886000WP2	10
1/2"	1/2"	63886200WP2	5

TrueSeal™ Ball Valves

Application:

These corrosion resistant, all-plastic designed ball valves are ideal for water filtration units, coffee and beverage machines and a wide variety of other fluid applications.

Features:

- EPDM seal secures connection with larger surface area than standard O-rings
- full flow self-cleaning ball
- high-temperature, scale resistant Polysulfone ball
- glass-reinforced Polypropylene body
- FDA compliant
- NSF-51 listed for contact with food
- certified to NSF-61

Specifications:

- temperature range: **0°F to 225°F (-18°C to 107°C)**
- O-ring seal material: EPDM
- maximum operating pressure: **150 PSI**
- Burst pressure **600 PSI**
- Actual working pressures will be lower at elevated temperatures.

Tube to Male NPTF

Tube OD	Male NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VMC4-MG	10
	3/8"	PP4VMC6-MG	10
3/8"	1/4"	PP6VMC4-MG	10
	3/8"	PP6VMC6-MG	10



Tube to Female NPTF

Tube OD	Female NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/8"	PP4VFC2-MG	10
	1/4"	PP4VFC4-MG	10
	3/8"	PP4VFC6-MG	10
3/8"	1/8"	PP6VFC2-MG	10
	1/4"	PP6VFC4-MG	10
	3/8"	PP6VFC6-MG	10



Tube to Male NPTF Elbows

Tube OD	Male NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VME4-MG	10
	3/8"	PP4VME6-MG	10
	1/2"	PP4VME8-MG	10
3/8"	1/4"	PP6VME4-MG	10
	3/8"	PP6VME6-MG	10
	1/2"	PP6VME8-MG	10



Tube to Female NPTF Elbows

Tube OD	Female NPTF	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VFE4-MG	10
	3/8"	PP4VFE6-MG	10
3/8"	1/4"	PP6VFE4-MG	10
	3/8"	PP6VFE6-MG	10



TrueSeal™ Ball Valves

Pipe, Welding & Tube Fittings

Tube to Tube Unions



Tube OD 1	Tube OD 2	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VUC4-MG	10
3/8"	1/4"	PP4VUC6-MG	10
3/8"	3/8"	PP6VUC6-MG	10

Tube to Tube Elbow Unions



Tube OD 1	Tube OD 2	Polypropylene Part #	Pkg Qty
1/4"	1/4"	PP4VEU4-MG	10
	3/8"	PP4VEU6-MG	10
3/8"	1/4"	PP6VEU4-MG	10
	3/8"	PP6VEU6-MG	10

Tube to Plug-in Elbow Unions



Tube OD	Stem	Polypropylene Part #	Pkg Qty
1/4"	3/8"	PP4VTEU6-MG	10
3/8"	3/8"	PP6VTEU6-MG	10

TrueSeal™ Check Valves

Application:

Push-to connect check valves ensure protection against reversal of flow. The valves have an arrow molded into the body to indicate the direction of flow. Valves are designed for connection with either thermoplastic or soft metal tubing and are intended for use with liquids only.



Features:

- body material: acetal
- O-ring: EPDM
- metal grip edge: 300 stainless steel
- NSF-51 listed
- maximum operating pressure: **150 PSI** (dependent on tubing used)
- temperature range: **34°F to 150°F (1°C to 65°C)**
- cracking pressure: 1/3 PSI



Tube OD	Acetal Part #	Pkg Qty
1/4"	A4VC4-MG	25
3/8"	A6VC6-MG	25

Fire Hose	732 to 739	Nozzles (cont.)	752 to 765
300# single jacket all polyester.....	732	Break apart attack	761
500# single jacket all polyester.....	733 , 734	Pistol grip adapters.....	761
UL labeled.....	733	Gallonge	762
Color impregnated	734	Penetrator.....	764
800# double jacket all polyester	734	Straight steam	764
Color impregnated	734	Adjust-A-Power.....	765
MSHA approved single jacket mine.....	735	Constant Flow.....	765
Double jacket potable water hose	735		
500# all polyester rack.....	735, 736	Adapters & Connections ...	766 to 819
UL labeled.....	735	Double hex	766, 782 to 784
Non-UL labeled	736	Swivel	767 to 770, 779
500# nitrile covered	736	Hydrant.....	771 to 774, 785, 786
Forestry non-weeping.....	737	Hazmat	773
Forestry mop up	737	Hex nipples.....	774 to 776
Forestry mop up kit.....	737	Style N37	777, 778
Nitrile covered - heavy duty	738	Suction.....	780, 803
Non-collapsible	739	Style N54	781
Chemical booster	739	Style N36.....	785
Fire and utility.....	739	Caps & plugs	787 to 792
		Replacement swivels & accessories	792
Fire Hose Couplings	740 to 743	Storz	793 to 797
Expansion ring couplings.....	740 to 742	Accessories.....	798
Washers.....	741 to 742	Wrenches	799 to 802
Ring and gasket guide	742	Continuous swivel.....	803
Hose type booster couplings	743	Pump head testers	804
Forestry couplings	743	Manifolds	804
		Roof connections.....	805 to 807
Racks, Reels, Hose cabinet	744 to 750	Siamese connections	808 to 811
Style V Swing type hose storage.....	744	Wall hydrant body.....	812
Swing type hose storage	745	Snoots	813, 814
Heavy duty swing type hose storage.....	745	Wall plates	814
Global continuous flow	746	Siamese assemblies.....	815
Continuous flow	747	Single sprinkler connection.....	816
Hump racks	748	Single inlet and hydrant connections.....	816
Hose racks	748	Wall hydrants.....	816
Pin rack hose assembly	749	Round ID plates.....	817
Semi automatic pin racks	749	British Instantaneous.....	818, 819
Steel hose cabinet	750	International shore.....	819
		Pressure temperature rating.....	820
Hose protection	751	Accessories	820
Fire jacket.....	751	Valves	821 to 842
Fire tape	751	Specialty products	843
Nozzles	752 to 765		
Fog	752, 753, 758, 759, 760, 762, 763		
Rack	753		
Ball shutoffs	754, 761, 763, 764		
Nozzle tips.....	754		
Plain hose.....	754, 755		
Twist	754		
Red plain hose.....	755		
UL play pipes.....	755		
Street cleaning.....	755		
US Coast Guard approved	756		
Monitors & nozzles	757		
Garden hose.....	760		

Garden hose and washdown hoses can be found on pages 883 - 885.

300# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **300 PSI**
- service test pressure: **150 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **135 PSI** at ambient temperature **70°F (21°C)**
- 25' and 75' lengths, UL labeled hoses and other threads and configurations are available, contact Dixon®

Fire Fittings & Accessories



Uncoupled

Size	Bowl	Length	Part #
1½"	1-3/4"	50'	A315-50UC
	1-3/4"	100'	A315-100UC
2"	2-1/4"	50'	A320-50UC
	2-1/4"	100'	A320-100UC
2½"	2-13/16"	50'	A325-50UC
	2-13/16"	100'	A325-100UC
3"	3-3/8"	50'	A330-50UC
	3-3/8"	100'	A330-100UC

Coupled with female and male expansion ring couplings



Size	Length	Rocker Lug Aluminum NST (NH)	Rocker Lug Brass NST (NH)	Rocker Lug Aluminum NPSH
		Part #	Part #	Part #
1½"	50'	A315-50RAF	A315-50RBF	A315-50RAS
	100'	A315100RAF	A315100RBF	A315100RAS
2"	50"	---	---	A320-50RAS
	100'	---	---	A320100RAS
2½"	50'	A325-50RAF	A325-50RBF	A325-50RAS
	100'	A325100RAF	A325100RBF	A325100RAS
3"	50'	---	---	A330-50RAS
	100'	---	---	A330100RAS

500# Single Jacket All Polyester Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **225 PSI** at ambient temperature **70°F (21°C)**
- other threads and configurations are available, contact Dixon®

Uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	A510-50UC
	1-1/4"	100'	A510-100UC
1½"	1-3/4"	50'	A515-50UC
	1-3/4"	100'	A515-100UC
2½"	2-13/16"	50'	A525-50UC
	2-13/16"	100'	A525-100UC



Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH) Part #	Rocker Lug Brass NST (NH) Part #	Rocker Lug Aluminum NPSH Part #
1"	50'	A510-50RAF	---	A510-50RAS
	100'	A510100RAF	---	A510100RAS
1½"	25'	A515-25RAF	---	A515-25RAS
	50'	A515-50RAF	A515-50RBF	A515-50RAS
	75'	A515-75RAF	---	A515-75RAS
	100'	A515100RAF	A515100RBF	A515100RAS
2½"	25'	A525-25RAF	---	A525-25RAS
	50'	A525-50RAF	A525-50RBF	A525-50RAS
	75'	A525-75RAF	---	---
	100'	A525100RAF	A525100RBF	A525100RAS



500# Single Jacket Fire Hose - UL labeled



Coupled with female and male expansion ring couplings

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **225 PSI** at ambient temperature **70°F (21°C)**
- Underwriters Listed
- impregnated hose and other lengths threads and configurations are available, contact Dixon®

Size	Coupling Type	Length	NST Thread Part #
1½"	combo lug, brass	50'	A515U50CBF
2½"	combo lug, brass	50	A525U50CBF



500# Single Jacket Fire Hose - Color Impregnated

Fire Fittings & Accessories



orange



red

Features:

- outer construction: single jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **500 PSI**
- service test pressure: **250 PSI**
- working pressure: **225 PSI** at ambient temperature **70°F (21°C)**
- consult Dixon® for pricing and availability of other colors, lengths, threads and configurations

Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Color	Part #
1½"	rocker lug, aluminum, NST (NH)	50'	yellow	A515Y50RAF
	rocker lug, aluminum, NPSH	50'	yellow	A515Y50RAS
	rocker lug, aluminum, NST (NH)	50'	red	A515R50RAF
	rocker lug, aluminum, NPSH	50'	red	A515R50RAS
	rocker lug, aluminum, NST (NH)	50'	orange	A515OR50RAF
	rocker lug, aluminum, NPSH	50'	orange	A515OR50RAS

800# Double Jacket All Polyester Fire Hose

Features:

- outer construction: double jacket, all polyester
- tube construction: EPDM rubber lining
- proof pressure: **800 PSI**
- service test pressure: **400 PSI**
- working pressure: **360 PSI** at ambient temperature **70°F (21°C)**
- consult Dixon™ for pricing and availability of 75' lengths and other threads and configurations



Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH) RAF	Rocker Lug Brass NST (NH) RBF	Rocker Lug Aluminum NPSH RAS
1½"	25'	D815-25RAF	---	---
	50'	D815-50RAF	D815-50RBF	D815-50RAS
	100'	D815100RAF	D815100RBF	D815100RAS
2½"	25'	D825-25RAF	---	---
	50'	D825-50RAF	D825-50RBF	D825-50RAS
	100'	D825100RAF	D825100RBF	D825100RAS

800# Double Jacket Fire Hose - Color Impregnated

Features:

- outer construction: double jacket, all polyester
- tube construction: black, synthetic rubber liner
- proof pressure: **800 PSI** at **70°F (21°C)**
- service test pressure: **400 PSI** at **70°F (21°C)**
- working pressure: **360 PSI** at **70°F (21°C)**
- other lengths, threads and couplings and colors (yellow, red, blue, tan, orange, green, black) are available, contact Dixon®



Coupled with female & male expansion ring couplings

Size	Thread NH (NST)	Coupling Type	Length	Part #
1½"	1½"	rocker lug, aluminum NST (NH)	50'	D815Y50RAF
		rocker lug, aluminum NST (NH)	100'	D815Y100RAF
		rocker lug, aluminum NPSH	50'	D815Y50RAS
		rocker lug, aluminum NPSH	100'	D815Y100RAS
1¾"	1½"	rocker lug, aluminum NST (NH)	50'	D817Y50RAF
2½"	2½"	rocker lug, aluminum NST (NH)	50'	D825Y50RAF
		rocker lug, aluminum NST (NH)	100'	D825Y100RAF
3"	2½"	rocker lug, aluminum NST (NH)	50'	D8325Y50RAF

NEW

NEW

MSHA Approved Single Jacket Mine Fire Hose
Coupled with female and male aluminum rocker lug expansion ring couplings

Specification:

- approved by MSHA: Mine Safety and Health Administration for all mine fire protection applications

Features:

- outer construction: single jacket, synthetic flame resistant
- tube construction: flame resistant lining
- proof pressure: **500 PSI at 70°F (21°C)**
- service test pressure: **250 PSI at 70°F (21°C)**
- working pressure: **225 PSI at 70°F (21°C)**



Size	Thread	Length	Part #
1½"	NST (NH)	50'	SM515W50RAF
	NPSH	50'	SM515W50RAS

Double Jacket Potable Water Hose - Blue

Features:

- Liner is NSF approved for potable water, fittings are not, except for temporary / emergency drinking needs only.
- outer construction: double jacket, all polyester
- tube construction: thermoplastic
- proof pressure: **600 PSI at 70°F (21°C)**
- service test pressure: **300 PSI at 70°F (21°C)**
- working pressure: **270 PSI at 70°F (21°C)**



Coupled with female and male, brass or aluminum rocker lug, expansion ring couplings

Size	Thread	Length	Brass Expansion Ring Part #	Aluminum Expansion Ring Part #
1½"	NPSH	50'	PW615B50RBS	PW615B50RAS
	NPSH	100'	PW615B100RBS	PW615B100RAS
	NST (NH)	50'	PW615B50RBF	PW615B50RAF
	NST (NH)	100'	PW615B100RBF	PW615B100RAF
2½"	NPSH	50'	PW625B50RBS	PW625B50RAS
	NPSH	100'	PW625B100RBS	PW625B100RAS
	NST (NH)	50'	PW625B50RBF	PW625B50RAF
	NST (NH)	100'	PW625B100RBF	PW625B100RAF

500# All Polyester Rack Hose - UL Labeled

Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown

Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **300 PSI at ambient temperature 70°F (21°C)**
- service test pressure: **150 PSI at ambient temperature 70°F (21°C)**
- working pressure: **135 PSI at ambient temperature 70°F (21°C)**
- Underwriters Listed



Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Folded Part #	Coiled Part #
1½"	combo lug, brass NST (NH)	50'	R515U50CBF/F	R515U50CBF
	combo lug, brass NST (NH)	100'	R515U100CBF/F	R515U100CBF
	combo lug, alum. NST (NH)	50'	R515U50RAF/F	R515U50RAF
	combo lug, alum. NST (NH)	100'	R515U100RAF/F	---

500# All Polyester Rack Hose - non-UL Labeled

Fire Fittings & Accessories



Application:

- for pin rack service / emergency fire fighting only, not to be used for washdown

Features:

- outer construction: single jacket, all polyester
- tube construction: clear thermoplastic
- proof pressure: **500 PSI** at ambient temperature **70°F (21°C)**
- service test pressure: **250 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **225 PSI** at ambient temperature **70°F (21°C)**

Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Folded Part #	Coiled Part #
1½"	combo lug, brass NST (NH)	50'	R515-50CBF/F	R515-50CBF
	combo lug, brass NST (NH)	100'	R515100CBF/F	R515100CBF
	combo lug, alum. NST (NH)	50'	R515-50RAF/F	R515-50RAF
	combo lug, alum. NST (NH)	100'	R515100RAF/F	R515100RAF

500# Nitrile Covered Fire Hose - Light Duty Red

Application:

- ideal for industrial and construction washdown and discharge applications

Features:

- outer construction: thin ribbed nitrile
- tube construction: nitrile
- proof pressure: **500 PSI** at ambient temperature **70°F (21°C)**
- service test pressure: **250 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **225 PSI** at ambient temperature **70°F (21°C)**
- other colors, threads and configurations are available, consult Dixon®

Uncoupled



Size	Bowl	Length	Part #
1½"	1-13/16"	50'	H515R50UC
2½"	2-13/16"	50'	H525R50UC
1½"	1-13/16"	100'	H515R100UC
2½"	2-13/16"	100'	H525R100UC

Coupled with female and male expansion ring couplings



Size	Length	Rocker Lug Aluminum NST (NH) Part #	Rocker Lug Brass NST (NH) Part #	Rocker Lug Aluminum NPSH Part #
1½"	50'	H515R50RAF	H515R50RBF	H515R50RAS
2½"	50'	H525R50RAF	H525R50RBF	H525R50RAS
1½"	100'	H515R100RAF	---	H515R100RAS
2½"	100'	H525R100RAF	---	---

Forestry Non Weeping Fire Hose

Features:

- outer construction: single jacket, all polyester
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **600 PSI** at ambient temperature **70°F (21°C)**
- service test pressure: **300 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **270 PSI** at ambient temperature **70°F (21°C)**
- consult Dixon® for pricing and availability of 25' lengths, other threads and configurations

Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH) Part #	Rocker Lug Aluminum NPSH Part #
1"	50'	NF610Y50RAF	NF610Y50RAS
1"	100'	NF610Y100RAF	NF610Y100RAS
1½"	50'	NF615Y50RAF	NF615Y50RAS
1½"	100'	NF615Y100RAF	NF615Y100RAS



Forestry Mop Up Hose

Application:

- used on mop-up and low volume hand lines to fill pump cans supplying sprinklers and remote fire line protection

Features:

- 50' coil diameter is 9"
- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- impregnation: yellow
- proof pressure: **300 PSI** at ambient temperature **70°F (21°C)**
- service test pressure: **150 PSI** at ambient temperature **70°F (21°C)**
- working pressure: **135 PSI** at ambient temperature **70°F (21°C)**
- consult Dixon™ for pricing and availability of other threads and configurations

Coupled with female and male brass ferrule type garden hose couplings

Size	Length	Part #
¾"	50'	NF307Y50GHT
1½"	50'	NF615-50RAQT¹
1½"	100'	NF615100RAQT¹

¹ coupled with quarter turn forestry couplings



Forestry Mop Up Hose Kit

Description	Part #
kit contains: hose, pouch and nozzle	NF307Y50GHT-KIT



Nitrile Covered Fire Hose - Heavy Duty - Yellow

Applications:

- ideal for heavy-duty washdown in refineries and power plants

Features:

- extruded interlocking matrix fire hose with 100% synthetic circular woven polyester reinforcement
- heavy ribbed for severe service
- outer construction: thick ribbed nitrile
- tube construction: nitrile
- 25' lengths, other colors, threads and configurations are available, contact Dixon®
- Pressures supplied in the chart below are at ambient temperature **70°F (21°C)**.

Size	Proof Pressure PSI	Service Test Pressure PSI	Working Pressure PSI
1" - 3"	600	300	270
4"	450	225	200
5"	400	200	180
6"	300	150	135

Fire Fittings & Accessories



Uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	H610Y50UC
1½"	1-13/16"	50'	H615Y50UC
2"	2-1/4"	50'	H620Y50UC
2½"	2-13/16"	50'	H625Y50UC
3"	3-3/8"	50'	H630Y50UC
4"	4-3/8"	50'	H440Y50UC
5"	5-3/8"	50'	H450Y50UC

Coupled with female and male expansion ring couplings



Size	Length	Rocker Lug <i>Aluminum</i> NST (NH) RAF	Rocker Lug <i>Brass</i> NST (NH) RBF	Pin Lug <i>Brass</i> NST (NH) PBF	Rocker Lug <i>Aluminum</i> NPSH RAS
1"	50'	H610Y50RAF	---	---	H610Y50RAS
1½"	50'	H615Y50RAF	H615Y50RBF	H615Y50PBF	H615Y50RAS
2½"	50'	H625Y50RAF	H625Y50RBF	H625Y50PBF	H625Y50RAS

Coupled with female and male segmented Storz collar style couplings

Features:

- working pressures can be achieved using appropriate expansion ring couplings
- under no circumstance should the hose be used beyond the working pressure of the fittings to which it is coupled
- assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962



Size	Length	Storz Size	Part #
4"	50'	4"	H440Y50SZ
5"	50'	5"	H450Y50SZ
5"	100'	5"	H450Y100SZ

Non-collapsible Hose

Chemical Booster Hose - Red

Features:

- outer cover material: specially compounded red EPDM tough cover
- inner tube material: smooth black synthetic EPDM rubber
- reinforced with multiple plies of high tensile Aramid yarn providing flexible strength
- ¾" diameter hose is coupled with 1" threaded couplings
- meets and exceeds NFPA standard 1961
- working pressure: **800 PSI**

Coupled with female and male NST (NH) thread, chromed brass hole type couplings

Size	Length	Part #
¾"	50'	80B07-50HCF
	100'	80B07-100HCF
1"	50'	80B10-50HCF
	100'	80B10-100HCF

Coupled with female and male NST (NH) thread, hole type coupling, aluminum expansion ring couplings

Size	Length	Part #
¾"	50'	80B07-50HAF
	100'	80B07-100HAF
1"	50'	80B10-50HAF
	100'	80B10-100HAF



Fire and Utility Hose - Red

Features:

- outer construction is designed to withstand abrasion
- working pressure: **200 PSI** at ambient temperature **70°F (21°C)**
- burst pressure: **600 PSI** at ambient temperature **70°F (21°C)**
- consult Dixon® for pricing and availability of other lengths, threads and configurations
- also available with chrome brass fittings

Coupled with female and male NST (NH) thread, rocker lug, brass expansion ring couplings

Size	Length	Part #
1½"	50'	15B15-50RBF
	100'	15B15-100RBF



Coupled with female and male NST (NH) thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #
1½"	50'	15B15-50RAF
	100'	15B15-100RAF



Coupled with female and male NPSH thread, rocker lug, aluminum expansion ring couplings

Size	Length	Part #
1½"	50'	15B15-50RAS
	100'	15B15-100RAS



Expansion Ring Couplings

Features:

- shipped complete with expansion rings, swivel and tail washers
- aluminum expansion ring couplings have 3 rocker lugs on the male and female

For Single Jacket Hose - Aluminum

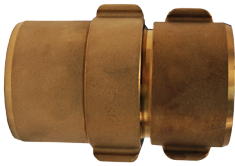
Size	Thread	Bowl	Aluminum Part #
1"	NPSH	1¼"	S10125
1½"	NPSH	1¾"	S16175
1½"	NPSH	1-11/16"	S16168
1½"	NPSH	1-13/16"	S16181
2"	NPSH	2¼"	S20225
2½"	NPSH	2-13/16"	S26281
1½"	NST (NH)	1-11/16"	S16168F
1½"	NST (NH)	1¾"	S16175F
1½"	NST (NH)	1-13/16"	S16181F
2½"	NST (NH)	2-11/16"	S26268F
2½"	NST (NH)	2-13/16"	S26281F
1½"	MNPT	1-11/16"	MS16168T¹
1½"	MNPT	1¾"	MS16175T¹
2"	MNPT	2-1/4"	MS20225T¹
2½"	MNPT	2-11/16"	MS26268T¹

¹ male fitting only



For Single Jacket Hose - Brass

Size	Thread	Bowl	Brass Part #
1½"	NPSH	1-3/4"	RS15175
1½"	NPSH	1-13/16"	RS15181
2½"	NPSH	2-13/16"	RS25281
1½"	NST (NH)	1-3/4"	RS15175F
1½"	NST (NH)	1-13/16"	RS15181F
2½"	NST (NH)	2-13/16"	RS25281F



Expansion Ring Couplings

For Double Jacket Hose - Aluminum

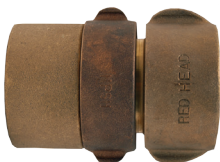
Size	Thread	Bowl	Aluminum Part #
1½"	NPSH	1-13/16"	D16181
1½"	NPSH	1-15/16"	D16193
1½"	NPSH	2-1/16"	D16206
2"	NPSH	2-5/16"	D20231
2½"	NPSH	3"	D263
1½"	NST (NH)	1-13/16"	D16181F
1½"	NST (NH)	1-15/16"	D16193F
1½"	NST (NH)	2-1/16"	D16206F
2½"	NST (NH)	2-7/8"	D26287F
2½"	NST (NH)	3"	D263F
1½"	MNPT	1-13/16"	MD16181T¹
2"	MNPT	2-5/16"	MD20231T¹
2½"	MNPT	2-7/8"	MD26287T¹

¹ male fitting only



For Double Jacket Hose - Brass

Size	Thread	Bowl	Brass Part #
1½"	NPSH	1-15/16"	RD15193
1½"	NST (NH)	1-15/16"	RD15193F



Expansion Rings

- used with the fire hose couplings listed on page 740

OD	Length	Wall Thickness	85/15 red brass Part #
1"	1¼"	.05	ER10125
1½"	¾"	.05	ER1575
1½"	7⁄8"	.05	ER1587
1½"	1"	.05	ER1510
1½"	1¼"	.05	ER15125
1¾"	1¼"	.05	ER17125
2½"	1¼"	.062	ER27125
2½"	1½"	.062	ER27150
3"	2"	.07	ER3020



Swivel Washers

- used on the swivel end of the fire hose couplings listed on page 740

ID	OD	Thickness	Buna-N Part #
1-1/16"	1-7/16"	⅛"	SW100F
1-9/16"	2-1/16"	⅛"	SW150
2-1/16"	2½"	⅛"	SW200
2-9/16"	3-3/16"	3/16"	SW250
3-1/16"	3-3/4"	¼"	SW300F
4-1/16"	5-1/8"	¼"	SW400F
4-9/16"	5-7/8"	¼"	SW450F
5-1/16"	6-3/8"	¼"	SW500F
6-1/16"	7-1/8"	¼"	SW600F



Tail Washers

- used on the tail end of the fire hose couplings listed on page 740

ID	OD	Thickness	Buna-N Part #
1-1/32"	1-5/16"	3/16"	STW100
1-9/16"	1¾"	3/16"	RTW150
1-9/16"	1-15/16"	3/16"	STW150
1-5⁄8"	2⅝"	3/16"	DTW150
2-9/16"	3"	¼"	STW250
2-5⁄8"	3¼"	¼"	DTW250
3⁄8"	3-25/32"	¼"	DTW300



Expansion Ring and Gasket Guide

Fire Fittings & Accessories

Coupling Part #	Swivel Washer Part #	Tail Washer Part #	Expansion Ring Part #
D15193 & D15193F	SW150	DTW150	ER15125
D15206F	SW150	G12014	ER15125
D16187 & D16187F	SW150	DTW150	ER15125
D16193 & D16193F	SW150	DTW150	ER15125
D16206 & D16206F	SW150	G12014	ER15125
D253 & D253F	SW250	DTW250	ER27150
D26287F	SW250	DTW250	ER27150
D263 & D263F	SW250	DTW250	ER27150
MD16181T	n/a	STW150	ER15125
MD20231T	n/a	special	special
MD26287T	n/a	DTW250	ER27150
MS16168T	n/a	STW150	ER15125
MS16175T	n/a	STW150	ER15125
MS20225T	n/a	special	special
MS26268T	n/a	STW250	ER27150
RD15193 & RD15193F	SW150	DTW150	ER15125
RD15206 & RD15206F	SW150	G12014	ER15125
RD253 & RD253F	SW250	DTW250	ER27150
RH15168 & RH15168F	SW150	RTW150	ER1575
RH16168F & RH16168F	SW150	RTW150	ER1575
RS15175 & RS15175F	SW150	STW150	ER15125
RS15181 & RS15181F	SW150	STW150	ER1510
RS25281 & RS25281F	SW250	STW250	ER27125
RS25287	SW250	STW250	ER27150
S15175 & S15175F	SW150	RTW150	ER15125
S15181 & S15181F	SW150	RTW150	ER1510
S16168 & S16168F	SW150	STW150	ER15125
S16175 & S16175F	SW150	STW150	ER15125
S16181 & S16181F	SW150	STW150	ER15125
S25281 & S25281F	SW250	STW250	ER27125
S25287 & S25287F	SW250	STW250	ER27150
S26268 & S26268F	SW250	STW250	ER27150
S26275 & S26275F	SW250	STW250	ER27150
S26281 & S26281F	SW250	STW250	ER27150

Hose Type Booster Hose Couplings

Features:

- special tooling is required to attach these couplings to hose
- hardcoat finish
- complete set
- working pressure: **800 PSI** at ambient temperature **70°F (21°C)**
- ¾" and 1" NST threads are the same size; also known as **Chemical Hose Thread (CHT)** or **Booster Hose Thread**



Hose Size	Thread Type	Bowl Size	Aluminum Hardcoat Part #
¾"	1" NPSH	1-1/4"	ABH08125
1"	1" NST (NH)	1-7/16"	ABH10143F
1"	1" NST (NH)	1-1/2"	ABH10150F

Forged Forestry Couplings

Features:

- maximum operating pressure: **300 PSI** at ambient temperature **70°F (21°C)**
- common quarter turn sexless head (a 1½" QT fitting will mate with a ¾" QT or 1" QT)

¼ Turn Male

Thread	Forged Aluminum Part #
¾" GHT	QTM75GHT-F
1" NPSH	QTM100S-F
1" NPT	QTM100T-F
1½" NST (NH)	QTM150F-F
1½" NPT	QTM150T-F



¼ Turn Female

Thread	Forged Aluminum Part #
¾" GHT	QTF75GHT-F
1" NPSH	QTF100S-F
1" NPT	QTF100T-F
1½" NST (NH)	QTF150F-F
1½" NPT	QTF150T-F



Forestry Coupling Gasket

Part #
QTG-F



Quick Connect Forestry Expansion Ring Couplings

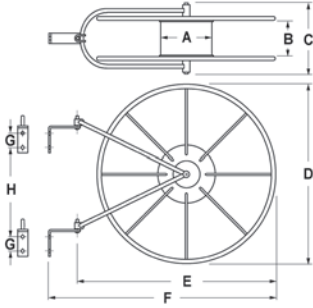
- sold in sets of (2) with expansion ring

Hose Size	Bowl Size	Forged Aluminum Part #
1½"	1-11/16"	QTX150-F



Style V Swing Type Hose Storage Reels

Fire Fittings & Accessories



Features:

- drum storage of collapsible hose prevents damaging kinks allowing longer hose life
- pivot mounting permits reel to swing to the proper angle preventing twists and kinks
- open sides allow faster hose drying, to prevent mold and mildew
- red polyester powder coat finish
- wall mounting is standard, 2 wall mounting brackets included
- style V5 (when used with 1½" hose only), has a space between the reel sides to accommodate two widths of hose side by side, for maximum capacity in minimum space
- replacement brackets - **1212-0930-4**, 2 per set

Size	Hose Capacity			A	B	C	D	E	F	G	H	Steel Part #
	Rack	Single	Double									
1½" - 1¾"	100'	75'	50'	8"	3"	7½"	21"	23"	27"	2"	11⅜"	FHR-V1
1½" - 1¾"	150'	100'	75'	8"	3"	7½"	26"	29"	33"	2"	15"	FHR-V2
1½"	300'	200'	150'	8"	5½"	9½"	26"	30"	34"	2"	13"	FHR-V5
2" - 2½"	150'	100'	75'	8"	5½"	9½"	26"	30"	34"	2"	13"	FHR-V5

Covers for Style V Swing Type Hose Storage Reels

Features:

- Velcro™ closures
- printed on both sides



Cover for	Dimensions	Vinyl Coated Nylon Part #
FHR-V2	26"	FHR-C
FHR-V1	21"	FHR-C1
FHR-V5	26"	HSRC26

Swing Type Hose Storage Reels

Features:

- one piece wall bracket (14 gauge), for easier mounting
- 180° swing will also take pipe clamps to 3"
- compact size - smaller reel hub to allow more hose storage
- baked red enamel finish
- 14 gauge steel support arms
- welded construction - rim (18 gauge) hub cap, welded spokes form solid wheels, separated by a molded poly hub and bolted together to form a sturdy unit
- hose is double rolled from the center of length coupled to valve and nozzle
- hose is ready for action when completely removed and valve is open

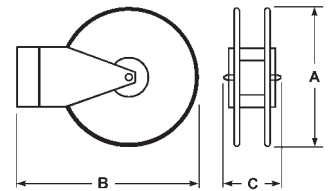
Hose Size	Hose Capacity		Steel Part #
	Lightweight	Rubber Lined	
1½"	150'	50' - 75'	HSR18
	250'	100'	HSR24
2½"	100'	100'	HSR25-24

Dimensions

Cover for	A	B	C
HSR18	18"	23½"	6¼"
HSR24	24"	29"	6¼"
HSR25-24	24"	29"	8¼"



Fire Fittings & Accessories



Covers for Swing Type Hose Reels

Features:

- to be used with hose storage reels, bright red fabric reinforced PVC with Velcro™ closures for quick release
- "Fire Hose / Keep Clear" printed on one side

Cover for	Dimensions	Vinyl Part #
HSR18	16" - 18"	HSRC18
HSR24	24"	HSRC24
HSR25-24	24" - 25"	HSRC25-24



Heavy Duty, High Capacity Swing Type Hose Storage Reel

Features:

- welded steel wall bracket swings 180°
- wall bracket adapts to pipes (1½" - 3") with an optional pipe bracket kit
- red baked enamel finish
- supplied with hook-and-loop back strap to keep hose securely wound

Size	Hose Capacity		16-gauge steel Part #
	Single Jacket	Double Jacket	
1½"	200'	150'	DXHDR25HC
2½"	100'	75'	



Cover for Heavy Duty Swing Type Hose Storage Reel

Features:

- to be used with hose storage reels
- "Fire Hose / Keep Clear" printed on one side

Cover for	Dimensions	Vinyl Part #
DXHDR25HC	l: 26", h: 25", w: 8"	DXHDC25HC



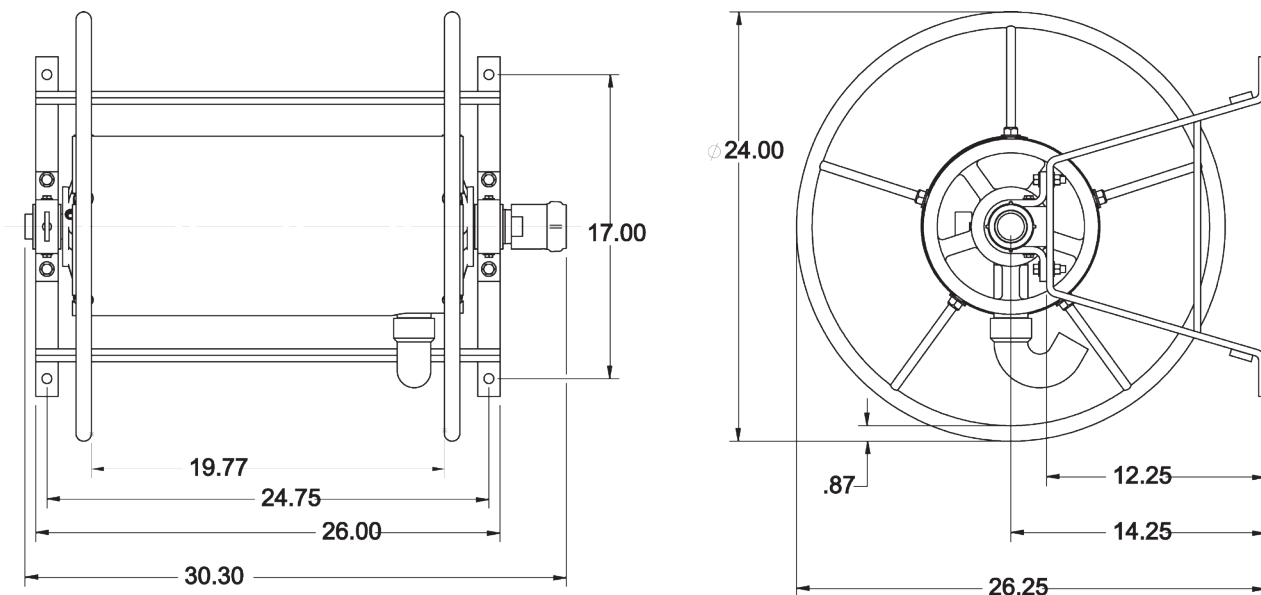
Pipe Brackets for Heavy Duty Swing Type Hose Storage Reel

Description	Vinyl Part #
pipe bracket set	DXHDR25PB



Global Continuous Flow Reels

Fire Fittings & Accessories



Features:

- greaseless swivel and reel bearings improve performance
- optional adapters (order separately):
 FM15S15F = 1½" FNPSH x 1½" MNST brass
 FM1515F = 1½" FNPT x 1½" MNST brass
- replacement inlet swivel joints at bottom of page



Hose Size and Capacity			Inlet Size	Outlet Size	Steel Part #
¾"	1"	1½"	1½" NPT	1½" NPT	FD47IR-150-100
250'	150'	100'			

Cover for Global Continuous Flow Hose Reel



Cover for	Dimensions	Vinyl Part #
FD47IR-150-100	22" x 24" x 24"	FD47-C2

Replacement Inlet Swivel Joint for FD471-150-100



Features:

- ball-bearing swivel
- requires no lubrication
- **200 PSI**

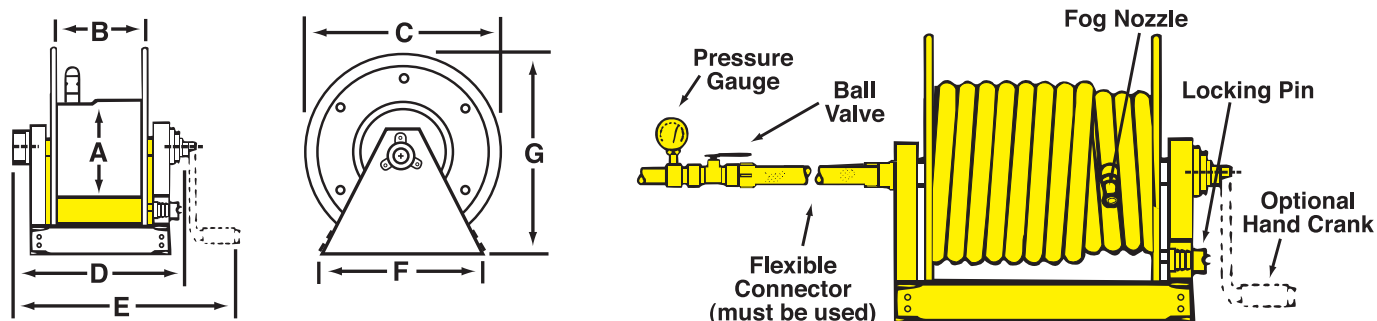
Size	Cast Brass Part #
1½"	CSSF150T

Continuous Flow Reels

Features:

- allows immediate and continuous flow of water at all times during deployment of hose
- one-person operation
- use with non-collapsible hose shown on page 749
- powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- rims and universal mounting stand
- female NPT inlet with male NST (NH) hose thread outlet

A flexible connector assembly must be installed directly between the hose reel inlet hub and the water supply. *Failure to use the flexible connector assembly will void the warranty.*



Hose Size and Capacity			A	B	C	D	E	F	G	Inlet Size	Outlet Size	Steel Part #
3/4"	1"	1 1/2"										
150'	125'	---	10 1/2"	11 1/2"	24"	19 1/4"	24"	21 3/4"	26"	1"	1"	CFR47-1-100
250'	150'	100'	10 1/2"	20 1/2"	24"	28 1/4"	33"	21 3/4"	26"	1 1/2"	1 1/2"	CFR47-150-100
400'	300'	150'	10 1/2"	28"	24"	35 3/4"	40 1/2"	21 3/4"	26"	1 1/2"	1 1/2"	CFR47-1-200
---	---	200'	10 1/2"	34"	24"	41 3/4"	46 1/2"	21 3/4"	26"	1 1/2"	1 1/2"	CFR47-150-200

Optional Accessories

Description	Part #
1" x 18" flexible connector (male NPT x male NPT)	DX2836
1 1/2" x 18" flexible connector (male NPT x male NPT)	DX2839
hand crank	CFR-HC
repair kit: contains O-ring, PTFE retaining ring for the inlet casting, spacer washer, and 2 steel retaining rings for the manifold	CFR-RK

Covers for Continuous Flow Hose Reels

Cover for	Dimensions H x W x D	Vinyl Part #
CFR47-1-100	26" x 20" x 26"	CFR47-C1
CFR47-1-200	26" x 36" x 26"	CFR47-C2
CFR47-150-100	26" x 29" x 26"	CFR47-C3
CFR47-150-200	26" x 42" x 26"	CFR47-C4



Hump Racks

Features:

- compact, neat and economical method of storing collapsible hose
- pivot mounting permits rack to swing, preventing kinks and twists
- rugged steel construction provides long, dependable service
- red enamel finish for protection
- open sides allow faster drying to prevent mold and mildew
- wall mounting brackets are standard

Hose Size	Hose Capacity			Steel Part #
	Synthetic	Single Jacket	Double Jacket	
1½" - 1¾"	100'	50'	---	FHHR-1
1½" - 1¾"	150'	100'	50'	FHHR-3
2" - 2½"	100'	50'	---	FHHR-2
2" - 2½"	150'	100'	50'	FHHR-4
1½" - 1¾"	200'	150'	100'	FHHR-5

Fire Fittings & Accessories



Covers for Hump Racks



Cover for	Dimensions	Vinyl Part #
FHHR-1 or FHHR-2	16" x 25½" x 6"	FHHR-C
FHHR-3 or FHHR-4	24" x 29½" x 6"	FHHR-C4
FHHR-5	33½" x 35½" x 6"	FHHR-C5

Hose Racks

Features:

- can be used for fire or water hose
- constructed from 12 gauge sheet steel
- provides compact and economical hose storage
- curved saddle design avoids sharp bends in the hose prolonging hose life
- red enamel finish



Hose Size	Rack	Hose Capacity		Steel Part #
		Single Jacket	Double Jacket	
1½" - 1¾"	50'	---	---	HR1610-3
1½" - 1¾"	100'	---	---	HR1610-6
1½" - 2½"	200'	150'	100'	HR1610
2" - 2½"	50'	---	---	HR1610-4

Pin Rack Hose Assembly



Features:

- components include: rack nipple, UL **300 PSI** angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 1½" pin rack hose
- UL listed and Factory Mutual approved
- per NFPA 1962, Chap. 4, in-service hose shall be un-racked and physically inspected at least annually



Fire Fittings & Accessories

NST (NH) Thread	Hose	Part #
1½"	50'	FHPR150-50CBF
	75'	FHPR150-75CBF
	100'	FHPR150-100CBF

Semi Automatic Fire Hose Pin Racks

Features:

- red enameled steel
- holds up to 100' of either 1½" or 2½" rack hose
- 1½" is UL listed and Factory Mutual approved

Hose Size	For use with:		Steel Part #
	Valve	Nipple	
1½"	AVF150	PRN150F	FHPR150
2½"	AVF250	PRN250F	FHPR2515



Covers for Pin Racks

Features:

- 10 oz. red vinyl with Velcro™ closures
- used on FHPR150, FHPR150-50CBF, FHPR150-75CBF, FHPR150-100CBF

Size	Vinyl Part #
25" x 30" x 6"	PRC



Pin Rack Nipples

Feature:

- finish: -C polished chrome plated

Male NPT	Male NST (NH)	Brass Part #
1½"	1½"	PRN150F
2½"	2½"	PRN250F



Pin Rack Wall Bracket

Application:

- used to support hose rack independent of a stand pipe valve

Aluminum Part #
PRWB



Steel Hose Cabinet

Fire Fittings & Accessories

**Features:**

- red polyester coated finish on 18-gauge steel
- designed for wall installation, with or without legs, or free standing
- supplied with holes in the back for wall mounting and 1" pipe couplings on the bottom for adding legs
- Factory Mutual approved
- hose, accessories and mounting hardware not included
- furnished without legs, if legs required contact Dixon®

Steel

Part #

HC30143**Dimensions**

width	depth	height
60"	15"	48"

Basic Approved Equipment for Hose Cabinet

Examples			Quantity Required		
Part #	Description	Page #	Factory Mutual	UL & FIA	ISO
A525-50RAF ¹	2½" x 50' single jacket hose	733	4	5	5
A515-50RAF ¹	1½" x 50' single jacket hose	733	2	0	0
UPP250F ¹	Underwriters play pipe	750	0	2	2
BFN250NST ¹	2½" adjustable fog nozzle	752	2	0	0
BFN150NST ¹	1½" adjustable fog nozzle	752	1	0	0
HA2515F ¹	2½" x 1½" pin lug adapter	771	1	0	0
233	universal spanner	799	4	5	5
189	adjustable hydrant wrench	800	2	2	2
PHFA6	6 lb. fire axe	820	0	1	1
FCB48	crowbar	---	0	1	1
SW150 ¹	1½" hose coupling gasket	741, 742, 754, 785	4	5	5
SW250 ¹	2½" hose coupling gasket	741, 742, 754, 785, 792	2	0	0

¹ threads must be appropriate to the authority having jurisdiction

Fire Jacket for Hose

Application:

- used to protect hose and hose assemblies, tubing, piping, wiring and cables from high temperatures, direct flame or molten splash

Features:

- helps maintain line temperature and reduce environmental overheating and overcooling
- meets flammability requirements of UL 94 HB & UL 94 V-0
- sleeving slides easily over hose and expands to go over fittings
- resistant to hydraulic fluids and lubricating oil
- iron oxide red color
- compounded silicone rubber coating over fiberglass
- completely non-asbestos, REACH - ROHS compliant
- supplied in 50' lengths
- temperature range: **-65°F to 500°F (-54°C to 260°C)**
- Made in USA

Nominal ID	Part #
1/4"	0610-4
3/8"	1010-6
1/2"	1310-8
5/8"	1610-10
3/4"	1910-12
7/8"	2210-14
1"	2510-16
1 1/4"	3210-20
1 1/2"	3810-24
1 3/4"	4510-28
2"	5110-32
2 1/2"	6410-40
3"	7610-48
4"	10210-64



Fire Jacket Tape

Application:

- used to seal the ends of fire jackets to prevent fraying and fluid wicking

Features:

- completely non-asbestos
- iron oxide red color
- temperature range: **-45°F to 380°F (-45°C to 200°C)**
- Made in USA

Size	Length	Silicone Rubber Part #
1"	12 yards	FTH100



Non Adhesive Fire Tape

Features:

- fiberglass coated silicone rubber
- fluid resistant to hydraulic fluids and lubricating oils
- should be installed in a spiral wrap utilizing 30% to 50% overlap
- iron oxide red color
- temperature range: **-65°F to 500°F (-54°C to 260°C)**
- Made in USA

Width	Length	Fiberglass Coated Silicone Rubber Part #
3"	50'	4055-3





Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- UL listed and Factory Mutual approved for class A and B fires (except noted ^{1,2})
- supplied with bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #
¾"	GHT	---	BFN75GHT ¹
¾"	NPSH	---	BFN75
1"	NPSH	32	BFN100
1½"	NPSH	85	BFN150
2"	NPSH	108	BFN200 ^{1,2}
1"	NST (NH)	32	BFN100NST
1½"	NST (NH)	85	BFN150NST
2½"	NST (NH)	205	BFN250NST ²

¹ not UL Listed

² not Factory Mutual approved

• replacement washers can be found on page 741



Heavy Duty Industrial Fog Nozzles

Features:

- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- UL listed and Factory Mutual approved
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- supplied with bumper



Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #
1"	NPSH	---	HFN100
1½"	NPSH	88 (+/-12)	HFN150
1"	NST (NH)	---	HFN100NST
1½"	NST (NH)	88 (+/-12)	HFN150NST
1½"	NYFD	---	HFN150NYFD

• replacement washers can be found on page 741, flow rate chart on following page 753



High Pressure Industrial Fog Nozzles

Features:

- working pressure: **25 to 300 PSI** (water only) at **70°F (21°C)**
- combination straight stream and fog - shut-off - straight stream - fog
- Factory Mutual approved
- large one-piece rubber bumper with molded teeth
- knurled base



Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #
1½"	NPSH	117	HPFN150
1½"	NST (NH)	117	HPFN150NST

• replacement washers can be found on page 741, flow rate chart on following page 753



Electrical Fire All-Fog Nozzles

Features:

- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- UL listed and Factory Mutual approved for class C fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- supplied with bumper
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10 feet from electrical apparatus and circuits not involving more than 250,000 volts.



Size	Thread	Wide Open GPM @ 100 PSI	Brass Part #
1½"	NST (NH)	96	BFNE150NST
1½"	NPSH	96	BFNE150

• replacement washers can be found on page 741, flow rate chart on following page 753

Fire Nozzles

Fog Nozzles

Features:

- shutoff - straight stream - fog
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- brass stem

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate ¹ Part #	Polycarbonate ² Part #
¾"	GHT	8.0	FNB75GHT ^{3,4}	---
¾"	NPS	30.9	FNB75S ⁴	---
1"	NPS	11.4	FNB100S ⁴	FN100S
1"	NPS	30.9	HGB100S	---
1½"	NPS	83.6	FNB150S	FN150S
1"	NST (NH)	11.4	FNB100NST	FN100NST
1"	NST (NH)	30.9	HGB100NST	---
1½"	NST (NH)	83.6	FNB150NST	FN150NST

¹ with bumper

² without bumper

³ standard flow

⁴ 120° spray GPM @100 PSI

- replacement washers can be found on page 741



with bumper



without bumper

Fire Fittings & Accessories

Fog Nozzle Flow Rate Chart

Part Number	Inlet Pressure		Straight Stream		30°		60°		90°	
	PSI	kPa	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM
BFN100	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
	75	(517)	22	(83)	25	(95)	28	(106)	32	(121)
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
BFN250	50	(345)	90	(341)	120	(454)	130	(492)	145	(549)
	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
HFN100	100	(690)	25	(95)	---	---	---	---	---	---
HFN150	100	(690)	---	---	---	---	---	---	86	(326)
HPFN150	275	(1040)	---	---	---	---	---	---	130	(492)

Domestic Rack Nozzles



Features:

- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- UL listed and Factory Mutual approved for class A and B fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper

Size	Thread	Wide Open GPM @ 100 PSI	Brass Part #
1½"	NST (NH)	100	BRN150NST
	NPSH	100	BRN150



- replacement washers can be found on page 741

Global Rack Nozzles



Features:

- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- UL listed and Factory Mutual approved for class A and B fires
- New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved, data subject to change in coming months
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- supplied without bumper

Size	Thread	Wide Open GPM @ 100 PSI	Brass Part #
1½"	NST (NH)	100	BRN150NST-I
	NPSH	100	BRN150S-I



- replacement washers can be found on page 741

Ball Shut-Offs



Features:

- full time swivel base ensures durable rubber-like handle can be positioned for easy operation
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**

Thread	Length	Waterway	Cast Brass Part #
1½" NST (NH)	4¾"	1⅜"	BSO150NST
1½" NPSH	4¾"	1⅜"	BSO150S

Replacement Part



Description	Composite Part #
replacement handle	BSO150-H

Nozzle Tips



Features:

- straight stream only
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- **74 GPM @ 100 PSI**

Thread	Length	Orifice	Satin Brass Part #
1" NST (NH)	4¾"	½"	BNT100F
1" NPSH	4¾"	½"	BNT100S
1½" NST (NH)	4⅜"	½"	BNT150F
1½" NPSH	4⅜"	½"	BNT150S

Plain Hose Nozzles



Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**

Size	Thread	Overall Length	Orifice	Replacement Gasket	Previous Part #	Brass
						Part #
¾"	GHT	6"	1/4"	KRW5	500SN6	BN6
¾"	NPSH	6"	1/4"	KRW5	---	BN7
1"	NPSH	8"	5/16"	KRW10	---	BN10
1¼"	NPSH	10"	3/8"	KRW15	---	BN12
1½"	NPSH	10"	1/2"	KRW20	---	BN15
2"	NPSH	12"	9/16"	SW200	---	BN20
2½"	NPSH	12"	1"	KRW35	---	BN25
1"	NST (NH)	8"	5/16"	SW100F	---	BN10F
1½"	NST (NH)	10"	1/2"	SW150	---	BN15F
2½"	NST (NH)	12"	1"	SW250	---	BN25F
1½"	NYFD	10"	1/2"	SW150	---	BN15NYFD
2½"	NYFD	12"	1"	SW250	---	BN25NYFD

Twist Nozzles



Feature:

- maximum operating pressure **150 PSI** (water only)

Thread Size	Length	Previous Part #	Extruded Brass Part #
¾" GHT	4"	---	BTN75
	4"	---	500AN4¹
	6¾"	500-AN7	500AN7¹

¹ imported

Red Plain Hose Nozzles

Feature:

- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**

Size	Thread	Length	Orifice	Polycarbonate Part #
1½"	NPSH	10"	½"	PN15
	NST (NH)	10"	½"	PN15F



Fire Fittings & Accessories

UL Play Pipes with Tip



Application:

- often required in hydrant houses by Insurance Underwriters

Features:

- swivel handle, red marlin trim
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- UL listed and Factory Mutual approved
- ULT male thread specification: 2-3/16" ODM x 12 TPI
- comes standard with 1½" orifice tip

Size	Female Thread	Male Thread	Overall Length	Brass Part #
2½"	NST (NH)	ULT	30"	UPP250F
				UPP250F-SPEC

playpipe only



Tips

Features:

- finish: satin
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- ULT male thread specification: 2-3/16" ODM x 12 TPI

Orifice	Cast Brass Part #
1⅛"	UPPT
1¼"	UPPT125
1½"	UPPT150
1¾"	UPPT175



Street Cleaning Nozzles

Feature:

- welded fabrication

Size	Connection	Aluminum Part #
2"	female cam	200DBAL
3"	female cam	300DBAL



U.S. Coast Guard Approved AFFF / Water Fog Nozzles

Fire Fittings & Accessories



CGSN150F

Application:

- designed for maximum efficiency with AFFF (Aqueous Film Forming Foams) or water on shipboard, offshore rigs and industrial applications

Features:

- corrosion resistant brass construction
- rubber-like bumper and handle for added protection
- Zytel (nylon) horseshoe handle
- double row of molded teeth for excellent fog pattern
- flush without shutting down
- constant gallonage in all fog and straight stream patterns
- combination fog and straight stream
- maximum operating pressure: **100 PSI** (water/AFFF only) at **70°F (21°C)**



CGSN151F

Thread NST (NH)	Description	Fog Flow GPM @100 PSI	Approval #	Brass Part #
1½"	nozzle	95	162.027/13/0	CGSN150F
	nozzle w/pistol grip	95	162.027/14/0	CGSN151F

- Gaskets are special order, please call 877.712.6179 for assistance.

Thread NPSH	Description	Fog Flow GPM @100 PSI	Brass Part #
1½"	nozzle	95	CGSN150S
	nozzle w/pistol grip	95	CGSN151S

U.S. Coast Guard Approved Fog Nozzles

Application:

- designed to US Coast Guard specifications for fighting fires with drafted water, required equipment for all commercial vessels under US registry

Features:

- maximum operating pressure: **100 PSI** (water/AFFF only) at **70°F (21°C)**
- corrosion resistant brass construction
- combination fog and straight stream for shipboard fire fighting
- applicator tips are available, consult Dixon® for pricing and availability



Thread	Fog Flow GPM @100 PSI	Cast Brass Part #
1½" NST	55	CGN150NST
2½" NST	108	CGN250NST

- Gaskets and tips are special order, please call 877.712.6179 for assistance.

Omega™ Monitor



Features:

- cast-in turning vanes for a more efficient flow
- 360° horizontal and 150° vertical travel
- friction loss: **10 PSI at 800 GPM** (.7 bar at 3030 LPM)
- 4 bolt hole pattern on flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow	Brass Part #
17" x 11½"	3" flange	2½" MNST	3"	1250 GPM	AK3526-300FL

- For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Fire Fittings & Accessories

Monitor Nozzle

Features:

- fixed teeth
- combination Straight, Stream and Fog - no shutoff
- fixed gallonage master stream nozzle
- factory set at **500 GPM** (1900 lpm) field changeable to **300** or **700 GPM** (1140 or 2660 LPM)
- maximum operating pressure: **100 PSI** (water only)

Size	Thread	90° Spray GPM @ 100 PSI	Brass Part #
2½"	NST (NH)	500	AK4450NST

- Gaskets are special order, please call 877.712.6179 for assistance.



FirePro™ Monitor



Features:

- seamless 2½" monitor - rated at 750 GPM
- carbon steel construction, stainless steel discharge tip and ball bearings
- 360° horizontal and 140° vertical travel
- red epoxy finish standard
- 150# ASA raised face 4" flange
- Factory Mutual approved

Size	Inlet	Outlet	Waterway	Flow GPM	Carbon Steel Part #
22" x 13"	4" flange	2½" MNST	2½"	750	FP475S

- Gaskets are special order, please call 877.712.6179 for assistance.
- For flange dimensions, diagrams and additional information please reference dixonvalve.com.



Master Stream Nozzles

Features:

- factory set at **500 GPM**
- featuring a straight stream to fog 'quick throw' pattern change
- constant gallonage

Size	Thread	Material	Part #
2½"	NST (NH)	brass	FP500B¹
	NST (NH)	aluminum	FP500A

¹ Factory Mutual approved

- Gaskets are special order, please call 877.712.6179 for assistance.





Factory Mutual Approved Fog Nozzles

Features:

- brass stem with locking nut
- shutoff-straight-stream-fog
- wings on sleeve for ease of adjustment
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- Factory Mutual approved



with bumper



without bumper

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate ¹ Part #	Polycarbonate ² Global Part #
3/4"	GHT	30.9	SL075GHT³	---
3/4"	NPSH	30.9	SL075³	---
1"	NPSH	30.9	SL100³	PFNB100S
1 1/2"	NPSH	75.0	SL150	PFNB150S
1"	NST (NH)	30.9	SL100NST	---
1 1/2"	NST (NH)	75.0	SL150NST	PFNB150NST

- ¹ with bumper
- ² without bumper
- ³ 120° spray on 3/4" and 1"

Polycarbonate Electrical Fire All-Fog Nozzles

Features:

- opens and closes in a 30° fog pattern up to 120°- no straight stream
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**
- brass stem



Size	Thread	75° Spray GPM @ 100 PSI	Polycarbonate Part #
1 1/2"	NPS	92	FNBE150S
	NST (NH)	92	FNBE150NST

Fog Nozzles Gaskets



Size	Thread	ID	OD	Thickness	Buna-N Part #
1"	NPSH	0.937"	1.234"	0.125"	FNG100S
1"	NPSH	1.000"	1.375"	0.125"	HGG100S
1 1/2"	NPSH	1.500"	1.827"	0.125"	FNG150S
1"	NST (NH)	0.937"	1.281"	0.125"	FNG100NST
1"	NST (NH)	1.000"	1.375"	0.125"	HGG100NST
1 1/2"	NST (NH)	1.510"	1.906"	0.125"	FNG150NST

- dimensions are nominal

Constant Flow Fog Nozzles

Features:

- red polycarbonate with bumper and black plastic and steel stem
- provides consistent volume at any spray angle
- adjusts from straight stream to fog
- 1" and 1½" are ULC listed
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate Part #
¾"	GHT	8	CFB75GHT
1"	NPSH	22	CFB100S
1½"	NPSH	75	CFB150S ¹
1½"	NPSH	150	HGCFB150S ²
2"	NPSH	75	CFB2015S ¹
2"	NPSH	150	CFB200S ²
1"	NST (NH)	22	CFB100NST
1½"	NST (NH)	75	CFB150NST ¹
1½"	NST (NH)	150	HGCFB150NST ²
2½"	NST (NH)	150	CFB250NST ³
2½"	NST (NH)	215	HGCFB250NST ^{2,4}

- ¹ standard flow
- ² high flow
- ³ provided with handles

- gaskets located below
- NYF – New York Fire Dept. Thread 1½" (2.100 ODM X 8 TPI) — 2½" (3.030 ODM X 8 TPI)
- CF – Chicago Fire Dept. Thread 1½" (1.933 ODM X 11.5 TPI) — 2½" (2.990 ODM X 7.5 TPI)
- NYC – New York Corporation Thread 1½" (2.093 ODM X 11 TPI) — 2½" (3.000 ODM X 8 TPI)
- Also available CSA, BAT, NSS



2½" nozzle with handles



2½" nozzle without handles



1½" nozzle

Blue Refinery Fog Nozzles

Features:

- blue polycarbonate with bumper and black plastic and steel stem
- glass-filled
- provides consistent volume at any spray angle
- adjusts from Straight Stream to Fog
- resistant to petrochemicals
- maximum operating pressure: **100 PSI** (water only) at **70°F (21°C)**

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate Part #
1½"	NPSH	75	RNB150S
1½"	NST (NH)	75	RNB150NST



Gaskets

Application:

- used on constant flow and refinery fog nozzles

Size	Thread	ID	OD	Thickness	Buna-N Part #
1"	NPSH	0.900"	1.270"	0.125"	CFG100S
1½"	NPSH	1.510"	1.878"	0.125"	CFG150S
2"	NPSH	1.680"	2.340"	0.156"	CFG200S
1"	NST (NH)	0.900"	1.270"	0.125"	CFG100NST
1½"	NST (NH)	1.510"	1.906"	0.125"	CFG150NST
2½"	NST (NH)	2.250"	3.000"	0.187"	CFG250NST

- dimensions are nominal



TriFlow Fog Nozzles



Features:

- corrosion resistant plated aluminum
- combination 170° fog and straight stream
- Venturi flow improves straight stream and gallonage
- no nozzle teeth eliminates fingers and voids in the spray pattern thus producing a dense fog

Size	Thread	GPM @ 100 PSI Straight Stream	6061 T-6 Aluminum Part #
1½"	NST	60-100-140	TFN150NST-140
	NPSH	60-100-140	TFN150-140
1½"	NST	75-150-200	TFN150NST-200
	NPSH	75-150-200	TFN150-200

Econo Fog Nozzles



Features:

- rugged, lightweight, corrosion resistant
- supplied without bumper
- for cabinet use, discourages theft
- for use up to 100 PSI (water only)

Size	Thread	Straight Stream @ 100 PSI	6061-T6 Aluminum Part #
1"	NPSH	56	AFN100
1"	NST	56	AFN100NST
1½"	NPSH	56	AFN150
1½"	NST	56	AFN150NST

Heavy Duty Constant Flow Fog Nozzles



Size	Thread	Length	GPM @ 100 PSI	Fiberglass Reinforced Composite Part #
1½"	NPSH	5"	95	CFFR150
	NST (NH)	5"	95	CFFR150NST

Garden Hose Nozzles



GHN75



GHN75-B

Features:

- offers two straight streams and one fog pattern ¹
- massive bumper specially formulated to resist damage and aging
- corrosion resistant hard coat

Size	Thread	GPM @ 40 PSI Straight Stream		6061-T6 Aluminum Part #
		1st	2nd	
¾"	GHT - without bumper	1-2	3-4	GHN75
	GHT - with bumper	1-2	3-4	GHN75-B

¹ fog pattern is **4-5 GPM @ 40 PSI**

Break Apart Attack Nozzles

Application:

- low-cost, versatile, and easy-to-use nozzle for first responders in rural and suburban fire departments

Features:

- minimal training required to connect and operate the nozzle
- nozzle uses a 1½" coupler, provides **20-90 GPM** fog or straight stream flows at **100 PSI**
- nozzle can be separated from the shut off valve for extended hose lays and other uses
- meets or exceeds USDA Forestry Service standards

Size	Thread	Aluminum Part #
1"	NPSH	ABN100S
	NST (NH)	ABN100F
1½"	NPSH	ABN150S
	NST (NH)	ABN150F



Ball Shut-Off Nozzles - Bolted Style

Features:

- rugged and lightweight
- pistol grip
- hardcoated female swivel inlet and male outlet
- maximum operating pressure: **200 PSI** (water only) at **70°F (21°C)**

Size	Thread	Waterway	Cast Aluminum Part #
1½"	NST (NH)	1⅜"	ACPSO150F
	NPSH	1⅜"	ACPSO150



Pistol Grip Adapters

Features:

- converts any standard fog nozzle to a well-balanced, easy to hold pistol grip fog nozzle making the job of holding high pressure lines easier
- full-time ball bearing swivel base
- corrosion resistant
- hardcoated per MIL-A-8625-F TYPE 111, (Polylube 1)

Size	Thread	6061 T-6 Aluminum Part #
1"	NST	PGA100NST
1½"	NST	PGA150NST
	NPSH	PGA150NPSH
2½"	NST	PGA250NST



Single Gallonage Shut-off Nozzles

Features:

- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway



Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #
1"	NST	95	BVSO100NST
	NPSH	95	BVSO100
1½"	NST	95	BVSO150NST
	NPSH	95	BVSO150
	NST	125	BVSO150NST-125
	NPSH	125	BVSO150-125

Dual Gallonage Shut-off Nozzles

Features:

- PTFE hard-coated for greater corrosion resistance and durability
- lightweight and easily maneuvered
- full-time ball bearing swivel base
- metal ball with non-stick Delrin® seats
- 1-1/16" waterway



Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #
1"	NST	25 - 70	BVDSO100NST
	NPSH	25 - 70	BVDSO100
1½"	NST	25 - 70	BVDSO150NST
	NPSH	25 - 70	BVDSO150

Adjustable Tri-Flo Selectable Gallonage Nozzles

Features:

- corrosion resistant plated with Neoprene bumper
- full-time ball bearing swivel base
- dense fog delivery with no voids or fingers in pattern
- metal ball with non-stick Delrin® seats



Size	Thread	Constant GPM @ 100 PSI	Aluminum Part #
1½"	NST	60 - 100 - 140	BVTSO150NST
	NPSH	60 - 100 - 140	BVTSO150
	NST	75 - 150 - 200	BVTSO150NST-200
	NPSH	75 - 150 - 200	BVTSO150-200
2½"	NST	100 - 200 - 300	BVTSO250NST

Global Forestry Fog Nozzles



Size	Thread	GPM @ 100 PSI Straight Stream		Anodized Aluminum Part #
		1st	2nd	
1½"	NPSH	23.8	73.9	GFN150
	NST (NH)	37.6	95.0	GFN150NST

Forestry Fog Nozzles

Features:

- maroon hard-coated barrel allows for easy identification
- corrosion resistant plated
- dual flow rate nozzles offer two straight stream and two fog patterns
- combination fog and straight stream
- maximum operating pressure: **600 PSI** (water only) at **70°F (21°C)**

Size	Thread	GPM @ 100 PSI Straight Stream		6061-T6 Aluminum Part #
		1st	2nd	
¾"	GHT	1-2	3-4 ¹	FFN75GHT¹
1"	NPSH	12	25	FFN100^{2,4}
1½"	NPSH	25	70	FFN150
1"	NST (NH)	12	25	FFN100NST
1½"	NST (NH)	25	70	FFN150NST^{3,4}

¹ GPM @ 40 PSI

² FFN100 meets USFS 5100-239A and NSN 4210-01-165-6603

³ FFN150NST meets USFS 5100-107A and NSN 4210-01-167-1123

⁴ both nozzles conform to Forestry Service specification 5100-239C and 5100-107a



FFN75GHT



FFN100

Forestry Grade Ball Shut-Off Nozzles

Features:

- NFPA1964 compliant
- hardcoated threads, acetal ball and rigid inlet
- maximum operating pressure: **600 PSI** at ambient temperature **70°F (21°C)**
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #
1"	NPSH	¾"	FBSO100S
1½"	NPSH	1"	FBSO150S
1"	NST (NH)	¾"	FBSO100F
1½"	NST (NH)	1"	FBSO150F



Forestry Grade Ball Shut-Off Pistol Grip

Features:

- NFPA1964 compliant
- hardcoated threads, acetal ball and full time live swivel inlet
- maximum operating pressure: **600 PSI** at ambient temperature **70°F (21°C)**
- FSS specification 5100-238

Size	Thread	Waterway	Anodized Aluminum Part #
1"	NPSH	¾"	FBSO100S-PG
1½"	NPSH	1"	FBSO150S-PG
1"	NST (NH)	¾"	FBSO100F-PG
1½"	NST (NH)	1"	FBSO150F-PG



Ball Shut-Off Nozzles Tips

Features:

- lightweight
- maximum operating pressure: **200 PSI** (water only) at ambient temperature **70°F (21°C)**
- ½" orifice standard, other sizes available, contact Dixon®

Size	Thread	Length	Orifice	Anodized Aluminum Part #
1"	NPSH	4"	½"	ANT100
1½"	NPSH	4¾"	½"	ANT150
1"	NST (NH)	4"	½"	ANT100F
1½"	NST (NH)	4¾"	½"	ANT150F



NPSH



NST

- Gaskets are special order, please call 877.712.6179 for assistance.

Penetrator Nozzles



Features:

- designed with standard 1½" NPSH male hose threads that are converted to female thread for connection to the hose using a double female rigid connector
- ¼" discharge orifice generates a high velocity water jet that is effective against deep seated wildland fires
- maximum operating pressure: **200 PSI** (water only) at ambient temperature **70°F (21°C)**

Size	Thread	Length	Orifice	Polycarbonate Part #
1½"	NPSH	5½"	¼"	PFN4005S
	NST (NH)	5½"	¼"	PFN4005F

Twin Tip Straight Stream Forestry Nozzles



Features:

- molded high strength red polycarbonate
- solid, one-piece reversible twin tip has ¼" and ⅜" orifices
- maximum operating pressure: **100 PSI** (water only) at ambient temperature **70°F (21°C)**

Size	Thread	Length with tip	Length without tip	Orifice of base nozzle	Polycarbonate Part #
1½"	NPSH	9"	7½"	½"	PTTF150S
	NST (NH)	9"	7½"	½"	PTTF150F

Ball Shut-Off with Nozzle



FNPSO150F-30

FNPSO150S-30

Features:

- flexible design allows nozzle tip to be detached so a mating foam inductor can be inserted between the tip and shut-off valve
- lightweight
- black pistol grip shutoff with nozzle
- maximum operating pressure: **150 PSI** (water / AFFF only) at **70°F (21°C)**

Size	Body Color	Thread	GPM	Polycarbonate Part #
1½"	red	NPSH	30	FNPSO150S-30
	orange	NST (NH)	30	FNPSO150F-30
1½"	red	NPSH	70	FNPSO150S-70
	orange	NST (NH)	70	FNPSO150F-70

Ball Shut-Off Pistol Grips



Features:

- lightweight
- maximum operating pressure: **150 PSI** (water or AFFF only) at ambient temperature **70°F (21°C)**

Size	Thread	Polycarbonate Part #
1½"	NPSH	PPSO150S
	NST (NH)	PPSO150F

Adjust-A-Power Nozzle

Features:

- ideal for patio, auto and boat, driveway and garden
- produces 50% more power than twist nozzles
- does not require a washer
- leave nozzle in the open position when not in use
- brass construction with stainless steel bearings
- maximum operating pressure: **100 PSI** (water only) at ambient temperature **70°F (21°C)**



Thread Size	Brass Part #
3/4" GHT	AAPN75GHT

Constant Flow Nozzle Displays

Features:

- shatterproof and UV resistant polycarbonate withstands tough environmental conditions
- seals used for true water shut off
- easy twist spray pattern adjustment
- sold in case quantity only (25 per case), with display



Thread	45° Spray GPM @ 100 PSI	Color	Global Part #
3/4" GHT	25.1	green	FNB75GHT-GD
	25.1	clear	CNB75GHT-GD

Constant Flow Nozzles with Bumper

Feature:

- can be used as a replacement nozzle in the display case **FNB75GHT-GD**



Thread	45° Spray GPM @ 100 PSI	Color	Plastic Part #
3/4" GHT	8.0	green	GNB75GHT (domestic)
	25.1	clear	CNB75GHT (global)

Double Female Hex Adapters

Feature:

- other configurations are available, consult Dixon® for information



Female Thread	Female NST (NH) Thread	Cast Brass Part #
1½" NPT	1½"	FFH1515F
2½" NPT	2½"	FFH2525F
1½" NST (NH)	1½"	FFH15F15F
2½" NST (NH)	2½"	FFH25F25F

Female Thread	Female NYFD	Cast Brass Part #
1½" NYFD	1½"	FFH15NYFD15NYFD
1½" NPT	1½"	FFH1515NYFD
2½" NPT	2½"	FFH2525NYFD

Female Thread	Female Thread	Cast Brass Part #
1½" NPT	1½" NPSH	FFH15T15S

Female Rocker Lug - Suction Adapter with Poly Screen



Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Female NPT Thread	Cast Brass Part #
2½"	1½"	RSFSA25F15T
	2"	RSFSA25F20T
	2½"	RSFSA250F
	3"	RSFSA25F30T

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

(Open Snoot) Female Swivel Adapters - Pin Lug

Features:

- double female rigid hexagon to swivel connection, rigid end thread is always NPT, hose thread is on swivel end
- finishes: -P polished, -C polished chrome plated
- other configurations are available, consult Dixon® for information

Female Swivel Thread	Female Rigid Thread	Cast Brass Part #
1½" NST (NH)	1½" NPT	SF150F
1½" NPSH	1½" NPT	SF150S
2½" NST (NH)	1½" NPT	SF25F15T
2½" NST (NH)	2" NPT	SF25F20T
2½" NYFD	2½" NPT	SF250NYFD
2½" NST (NH)	2½" NPT	SF250F
2½" NST (NH)	2½" NPT	SF250F-P
2½" NST (NH)	2½" NPT	SF250F-C
2½" NPSH	2½" NPT	SF250S
2½" NST (NH)	3" NPT	SF25F30T
3" NST (NH)	3" NPT	SF300F
3" NYFD	3" NPT	SF300NYFD
4" NST (NH)	4" NPT	SF400F



Domestic Female Swivel Adapters - Pin Lug

Feature:

- other configurations are available, consult Dixon® for information

Female NST (NH) Swivel Thread	Female Rigid NPT Thread	Cast Brass Part #
1½"	1½"	SF150F-D
2½"	2½"	SF250F-D
	2"	SF25F20T-D



(Open Snoot) Female Swivel Adapters - Rocker Lug

Feature:

- other configurations are available, consult Dixon® for information

Female NST (NH) Thread	Female Rigid NPT Thread	Cast Brass Part #
1½"	1½"	RSF150F
2½"	1½"	RSF25F15T
	2"	RSF25F20T
	2½"	RSF250F
	3"	RSF25F30T



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Double Female Swivels
Pin Lug



Female NPSH Thread	Female NPSH Thread	Cast Brass Part #
1½"	1½"	DFP1515
2½"	2½"	DFP2525

Female NST (NH) Thread	Female NST (NH) Thread	Cast Brass Part #
1½"	1½"	DFP1515F
2½"	2½"	DFP2525F

Female NST (NH) Thread	Female NPSH Thread	Cast Brass Part #
1½"	1½"	DFP15F15S
2½"	2½"	DFP25F25S

Female NYFD Thread	Female NYFD Thread	Cast Brass Part #
1½"	1½"	DFP15NYFD15NYFD
2½"	2½"	DFP25NYFD25NYFD

Rocker Lug



Female NPSH Thread	Female NPSH Thread	Cast Brass Part #
1½"	1½"	DFR1515
2½"	2½"	DFR2525

Female NST (NH) Thread	Female NST (NH) Thread	Cast Brass Part #
1½"	1½"	DFR1515F
2½"	2½"	DFR2525F

Domestic Double Female Swivels - Pin Lug



Female NST (NH) Thread	Female NST (NH) Thread	Cast Brass Part #
1½"	1½"	DFP1515F-D
2½"	2½"	DFP2525F-D

- Replacement washers can be found on page 785

Aluminum Swivel Female x Rigid Female Adapters - Rocker Lug Style N53

Female NPSH Swivel Thread	Female Rigid NPT Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15S15T
2"	2"	N53-20S20T
3"	3"	N53-30S30T
6"	6"	N53-60S60T



Female NPSH Swivel Thread	Female Rigid NPSH Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15S15S



Female NST (NH) Swivel Thread	Female Rigid NPT Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15F15T
2½"	2"	N53-25F20T
	2½"	N53-25F25T
	3"	N53-25F30T
4"	4"	N53-25F40T
	4"	N53-40F40T
4½"	4"	N53-45F40T
	6"	N53-45F60T
5"	6"	N53-50F60T
6"	6"	N53-60F60T



Female NST (NH) Swivel Thread	Female Rigid NST Thread	Aluminum Extrusion - Anodized Part #
1½"	1½"	N53-15F15F
2½"	1½"	N53-25F15F
	2½"	N53-25F25F
	6"	N53-25F60F
4"	4"	N53-40F40F
6"	4½"	N53-60F45F



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Double Swivel Female Adapters - Rocker Lug
Style N35

Fire Fittings & Accessories



Female NPSH Swivel Thread	Female NPSH Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1"	N35-10S10S
1½"	1½"	N35-15S15S
2½"	2½"	N35-25S25S
3"	3"	N35-30S30S



Female NST (NH) Swivel Thread	Female NST (NH) Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1"	N35-10F10F
1½"	1½"	N35-15F15F
	2½"	N35-15F25F
2½"	2½"	N35-25F25F
4"	4"	N35-40F40F
4½"	4½"	N35-45F45F
5"	5"	N35-50F50F
6"	6"	N35-60F60F



Female NPSH Swivel Thread	Female NST Swivel Thread	Aluminum Extrusion - Anodized Part #
1"	1"	N35-10S10F
	1½"	N35-10S15F
1½"	1½"	N35-15S15F
2"	2½"	N35-20S25F
2½"	2½"	N35-25S25F

Aluminum Double Female Swivel Adapters - Long Handle
Style N57



Female NST (NH) Thread	Male NST (NH) Thread	Aluminum Extrusion - Anodized Part #
4½"	6"	N57-45F60F
5"	5"	N57-50F50F
	6"	N57-50F60F
6"	6"	N57-60F60F

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Pin Lug

Feature:

- other configurations are also available, consult Dixon® for information

Female Thread	Male Thread	Cast Brass Part #
1½" NPSH	¾" GHT	HA15S76
	¾" NPSH	HA15S75
	¾" NPT	HA15S75T
	1" NPSH	HA15S10S
	1" NPT	HA15S10T
	1½" NPT	HA15S15T
	1½" NST (NH)	HA15S15F
1½" NPT	1½" NPSH	HA15T15S
	1½" NST (NH)	HA15T15F
1½" NST (NH)	¾" GHT	HA1576
	¾" NPSH	HA1575
	¾" NPT	HA1575T
	1" NPSH	HA1510
	1" NST (NH)	HA1510F
	1" NPT	HA1510T
	1½" NPSH	HA1515
	1½" NPT	HA1515T
	1½" NST (NH)	HA1515F
	2½" NST (NH)	HA1525F
2" NPSH	1½" NPSH	HA20S15S
	1½" NPT	HA20S15T
	1½" NST (NH)	HA20S15F
	2½" NST (NH)	HA20S25F
2" NPT	2½" NST (NH)	HA20T25F
2" NST (NH)	2½" NST (NH)	HA2025F
2½" NPSH	1" NPT	HA25S10T
	1½" NPSH	HA25S15S
	1½" NPT	HA25S15T
	1½" NST (NH)	HA25S15F
	2½" NST (NH)	HA25S25F
2½" NST (NH)	¾" GHT	HA2576
	¾" NPT	HA2575T
	1" NPSH	HA2510
	1" NST (NH)	HA2510F
	1" NPT	HA2510T
	1½" NPSH	HA2515
	1½" NST (NH)	HA2515F
	1½" NPT	HA2515T
	2" NPSH	HA2520
	2" NST (NH)	HA2520F
	2" NPT	HA2520T
	2½" NPSH	HA2525
	2½" NST (NH)	HA2525F
	2½" NPT	HA2525T
3" NPSH	HA2530	
3" NST (NH)	HA2530F	
3" NPT	HA2530T	
3" NPSH	2½" NST (NH)	HA30S25F
	2½" NPT	HA30S25T
3" NST (NH)	1½" NPSH	HA3015S
	1½" NST (NH)	HA3015F
	2½" NST (NH)	HA3025F
4" NST (NH)	2½" NST (NH)	HA4025F
4½" NST (NH)	2½" NST (NH)	HA4525F



reducer



same size



increaser

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Rocker Lug

Features:

- finishes: -C polished chrome plated
- other configurations are also available, consult Dixon® for information

Fire Fittings & Accessories



reducer



reducer - chrome plated



same size

Female Thread	Male Thread	Cast Brass Part #
1½" NST (NH)	¾" NST (NH)	RHA1576
	1" NST (NH)	RHA1510
	1" NST (NH)	RHA1510F
	1" NPT	RHA1510T
	1½" NPSH	RHA1515
	1½" NST (NH)	RHA1515F
	1½" NPT	RHA1515T
	2" NPSH	RHA1520
	2½" NST (NH)	RHA1525F
1½" NPSH	¾" NPT	RHA15S75T
	1" NPSH	RHA15S10
	1" NPT	RHA15S10T
	1½" NST (NH)	RHA15S15F
1½" NPT	1½" NPT	RHA15S15T
	1½" NST (NH)	RHA15T15F
2" NST (NH)	2½" NST (NH)	RHA2025F
2½" NST (NH)	¾" GHT	RHA2576
	1" NPSH	RHA2510
	1" NST (NH)	RHA2510F
	1" NPT	RHA2510T
	1½" NPSH	RHA2515
	1½" NST (NH)	RHA2515F
	1½" NPT	RHA2515T
	2" NST (NH)	RHA2520F
	2" NPT	RHA2520T
	2½" NPT	RHA2525T
3" NPT	RHA2530T	
2½" NPSH	1½" NPSH	RHA25S15
	1½" NST (NH)	RHA25S15F
2½" NPT	2½" NST (NH)	RHA25T25F
3" NST (NH)	2½" NST (NH)	RHA3025F

Female x Male Adapters - Long Handle Style N56



Female NST (NH) Thread	Male NST (NH) Thread	Aluminum Extrusion - Anodized Part #
4"	2½"	N56-40F25F
4½"	4"	N56-45F40F
5"	2½"	N56-50F25F
6"	4½"	N56-60F45F
	6"	N56-60F60T¹

¹ female NST (NH) x male NPT

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Pin Lugs (New York Threads)

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are also available, consult Dixon® for information

Female NYFD Thread	Male Thread	Cast Brass Part #
1½"	¾" GHT	HA15NYFD76
2½"	¾" NPT	HA25NYFD75T
	¾" GHT	HA25NYFD76
	1½" NPSH	HA25NYFD15S
	1½" NST (NH)	HA25NYFD15F
	1½" NPT	HA25NYFD15T
	1½" NYFD	HA25NYFD15NYFD
	2" NPT	HA25NYFD20T
	2½" NST (NH)	HA25NYFD25F

Female NYC Thread	Male Thread	Cast Brass Part #
2½"	¾" GHT	HA25NYC76
	1" NPT	HA25NYC10T
	1½" NPT	HA25NYC15T
	2" NPT	HA25NYC20T



reducer



same size



increaser

Hazmat Adapters - Pin Lugs

Feature:

- divides single stream into double stream

Female NST Thread	Male Thread	Cast Brass Part #
1½"	(2) ¾" GHT	HHA1576
2½"	(2) ¾" GHT	HHA2576



Domestic Hydrant Adapters - Pin Lug

Feature:

- other configurations are available, consult Dixon® for information

Female NST (NH) Thread	Male Thread	Cast Brass Part #
1½"	¾" GHT	HA1576-D
2½"	1" NPT	HA2510T-D
	1½" NST (NH)	HA2515F-D
	1½" NPT	HA2515T-D
	¾" GHT	HA2576-D



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Hydrant Adapters - Rocker Lug



Features:

- use with water
- maximum working pressure: **100 PSI at 70°F (21°C)**

Female Thread	Male Thread	Polycarbonate Part #
1½" NPSH	1½" NST (NH)	POLYHA15S15F
2½" NST (NH)	¾" GHT	POLYHA2576
	1½" NPSH	POLYHA2515
	1½" NST (NH)	POLYHA2515F
	2" NPT	POLYHA2520T

Domestic Female to Male Hex Nipples

Feature:

- other configurations are available, consult Dixon® for information



reducer



same size



increaser

Female Thread	Male Thread	Cast Brass Part #
1" NPT	1½" NST (NH)	FM1015F-D
1½" NPT	1½" NST (NH)	FM1515F-D
	2½" NST (NH)	FM1525F-D
1½" NST (NH)	1½" NPSH	FM15F15S-D
	1½" NPT	FM15F15T-D
	2½" NST (NH)	FM15F25F-D
1½" NPSH	1½" NST (NH)	FM15S15F-D
2" NPT	1½" NPT	FM15S15T-D
	2½" NST (NH)	FM2015F-D
2½" NPT	2½" NST (NH)	FM2525F-D
2½" NST (NH)	1½" NST (NH)	FM25F15F-D
	1½" NPT	FM25F15T-D
	2½" NPT	FM25F25T-D

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Single Male Outlet with Hex (open snoot)

Application:

- used to connect fire hose to a standpipe or sprinkler system

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes, threads and configurations are available, consult Dixon® for information

Female NPT Thread	Male Thread	Cast Brass Part #
2½"	2½" NST (NH)	MOC250F-P
	2½" NST (NH)	MOC250F-C
3"	2½" NST (NH)	MOC3025F-P
	2½" NST (NH)	MOC3025F-C
	3" NST (NH)	MOC300F-P
Female NPT Thread	Male Thread	Cast Brass Part #
2½"	2½" NYC	MOC250NYC-P
	2½" NYFD	MOC250NYFD-P



polished



polished chrome plated

Female to Male Hex Nipples

Feature:

- other configurations are also available, consult Dixon® for information

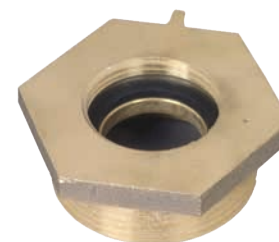
Female Thread	Male Thread	Cast Brass Part #
¾" GHT	1" NPT	FM7610T
1" NPSH	¾" GHT	FM10S76
	¾" GHT	FM1076
1" NPT	1" NPSH	FM1010
	1" NST (NH)	FM1010F
	1½" NPSH	FM1015
	1½" NST (NH)	FM1015F
1" NST (NH)	1" NPT	FM10F10T
1½" NPT	1½" NPSH	FM1515
	1½" NST (NH)	FM1515F
	2½" NST (NH)	FM1525F
1½" NST (NH)	1½" NPSH	FM15F15S
	1½" NPT	FM15F15T
	2" NPT	FM15F20T
	2½" NPT	FM15F25T
	2½" NST (NH)	FM15F25F
	1½" NST (NH)	FM15F15F
1½" NPSH	1½" NST (NH)	FM15S15F
	1½" NPT	FM15S15T
	2" NPT	FM15S20T
2" NPSH	1½" NPSH	FM20S15
	1½" NST (NH)	FM20S15F
	1½" NPT	FM20S15T
	2" NPT	FM20S20T
	2½" NST (NH)	FM20S25F
2" NPT	1½" NPSH	FM2015
	1½" NST (NH)	FM2015F
	2" NPSH	FM2020
	2½" NST (NH)	FM2025F
2½" NST (NH)	¾" NPT	FM25F75T
	1" NPT	FM25F10T
	1½" NST (NH)	FM25F15F
	1½" NPT	FM25F15T
	2" NPT	FM25F20T
2½" NPT	1½" NST (NH)	FM2515F
	2½" NPSH	FM2525
	2½" NST (NH)	FM2525F



reducer



same size



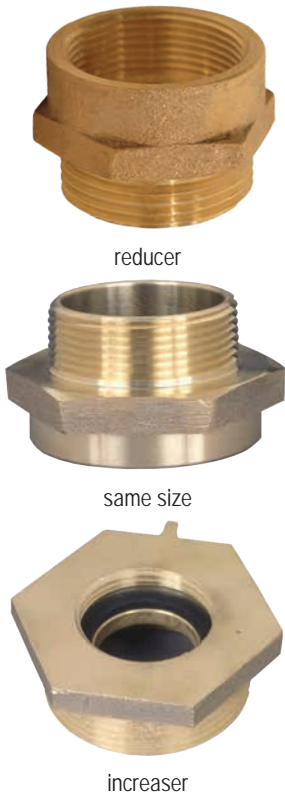
increaser

Table continued on next page

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female to Male Hex Nipples

Table continued from previous page



Female Thread	Male Thread	Cast Brass Part #
2½" NST (NH)	2½" NST (NH)	FM25F25F
	2½" NPT	FM25F25T
	3" NST (NH)	FM25F30F
	3" NPT	FM25F30T
	2½" NPSH	FM25F25S
2½" NPT	2½" NPT	FM2525T
2½" NPSH	2½" NST (NH)	FM25S25F
	2½" NPT	FM25S25T
3" NPT	2½" NST (NH)	FM3025F
	2½" NPT	FM3025T
	3" NST (NH)	FM3030F
3" NST (NH)	2½" NST (NH)	FM30F25F
	2½" NPT	FM30F25T
	3" NPT	FM30F30T
3" NPSH	2½" NST (NH)	FM30S25F
4" NPT	2½" NST (NH)	FM4025F
	4" NST (NH)	FM4040F
	4½" NST (NH)	FM4045F
4" NST (NH)	4" NPT	FM40F40T
4½" NST (NH)	4" NPT	FM45F40T
6" NPT	6" NST (NH)	FM6060F
6" NST (NH)	6" NPT	FM60F60T

Female to Male Hex Nipples
(New York Threads)

Features:

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI
- other configurations are available, consult Dixon® for information



Female Thread	Male Thread	Cast Brass Part #
1½" NPT	1½" NYFD	FM1515NYFD
1½" NST (NH)	1½" NYFD	FM15F15NYFD
1½" NYFD	1½" NST (NH)	FM15NYFD15F
	1½" NPT	FM15NYFD15T
Female Thread	Male Thread	Cast Brass Part #
2½" NPT	2½" NYC	FM2525NYC
	2½" NYFD	FM2525NYFD
2½" NST (NH)	2½" NYC	FM25F25NYC
	2½" NYFD	FM25F25NYFD
2½" NYC	2½" NST (NH)	FM25NYC25F
	2½" NPT	FM25NYC25T
2½" NYFD	2½" NST (NH)	FM25NYFD25F
	2½" NPT	FM25NYFD25T
Female NYFD Thread	Male Thread	Cast Brass Part #
2½"	1½" NPT	FM25NYFD15T
	2" NPT	FM25NYFD20T
	3" NPT	FM25NYFD30T

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female x Male Adapters - Rocker Lug
Style N37

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #
3/4" GHT	1" NST (NH)	N37-07G10F
	1" NPSH	N37-07G10S
	1" NPT	N37-07G10T
	1 1/2" NST (NH)	N37-07G15F
	1 1/2" NPSH	N37-07G15S
1" NST	3/4" GHT	N37-10F07G
	1" NPSH	N37-10F10S
	1" NPT	N37-10F10T
	1 1/2" NST (NH)	N37-10F15F
	1 1/2" NPSH	N37-10F15S
	2 1/2" NST (NH)	N37-10F25F
1" NPSH	3/4" GHT	N37-10S07G
	3/4" NPSH	N37-10S07S
	1" NST (NH)	N37-10S10F
	1" NPT	N37-10S10T
	1 1/2" NST (NH)	N37-10S15F
	1 1/2" NPSH	N37-10S15S
1" NPT	1" NST	N37-10T10F
1 1/2" NST (NH)	3/4" GHT	N37-15F07G
	3/4" NPT	N37-15F07T
	1" NST (NH)	N37-15F10F
	1" NPSH	N37-15F10S
	1" NPT	N37-15F10T
	1 1/2" NST (NH)	N37-15F15F
	1 1/2" NPSH	N37-15F15S
	1 1/2" NPT	N37-15F15T
	2" NPT	N37-15F20T
	2 1/2" NST (NH)	N37-15F25F
1 1/2" NPSH	3/4" GHT	N37-15S07G
	1" NST (NH)	N37-15S10F
	1 1/2" NST (NH)	N37-15S15F
	1 1/2" NPT	N37-15S15T
	2" NPT	N37-15S20T
1 1/2" NPT	1 1/2" NST (NH)	N37-15T15F
	1 1/2" NPSH	N37-15T15S
	2 1/2" NST (NH)	N37-15T25F
2" NPSH	3/4" GHT	N37-20S07G
	1 1/2" NST (NH)	N37-20S15F
	1 1/2" NPSH	N37-20S15S
	2" NPT	N37-20S20T
	2 1/2" NST (NH)	N37-20S25F
2" NPT	1 1/2" NST (NH)	N37-20T15F
	1 1/2" NPSH	N37-20T15S
	2 1/2" NST (NH)	N37-20T25F



reducer



same size



increaser

Table continued on next page

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female x Male Adapters - Rocker Lug (continued)
Style N37

Table continued from previous page

Female Thread	Male Thread	Aluminum Extrusion - Anodized Part #
2½" NST (NH)	¾" GHT	N37-25F07G
	¾" NPT	N37-25F07T
	1" NPT	N37-25F10T
	1½" NST (NH)	N37-25F15F
	1½" NPSH	N37-25F15S
	1½" NPT	N37-25F15T
	2" NPT	N37-25F20T
	2½" NST (NH)	N37-25F25F
	2½" NPSH	N37-25F25S
	2½" NPT	N37-25F25T
	3" NST (NH)	N37-25F30F
3" NPT	N37-25F30T	
2½" NPSH	1½" NPSH	N37-25S15S
	2½" NST (NH)	N37-25S25F
	2½" NPT	N37-25S25T
2½" NPT	1½" NPSH	N37-25T15S
	2½" NST (NH)	N37-25T25F
	3" NPT	N37-25T30T
3" NST (NH)	1½" NST (NH)	N37-30F15F
	2½" NST (NH)	N37-30F25F
	3" NPT	N37-30F30T
	2½" NST (NH)	N37-30S25F
3" NPT	2½" NST (NH)	N37-30T25F
	2½" NPT	N37-30T25T
4" NST (NH)	2½" NST (NH)	N37-40F25F
	4" NST (NH)	N37-40F40F
	4" NPT	N37-40F40T
	6" NST (NH)	N37-40F60F
4" NPT	2½" NST (NH)	N37-40T25F
	4" NST (NH)	N37-40T40F
	4½" NST (NH)	N37-40T45F
4½" NST (NH)	2½" NST (NH)	N37-45F25F
	4" NST (NH)	N37-45F40F
	4" NPT	N37-45F40T
	5" NST (NH)	N37-45F50F
5" NST (NH)	4½" NST (NH)	N37-50F45F
	5" NPT	N37-50F50T
	6" NST (NH)	N37-50F60F
5" NPSH	6" NST (NH)	N37-50S60F
5" NPT	5" NST (NH)	N37-50T50F
6" NST (NH)	4" NPT	N37-60F40T
	5" NST (NH)	N37-60F50F
	6" NPT	N37-60F60T
6" NPT	4" NST (NH)	N37-60T40F
	6" NST (NH)	N37-60T60F

Fire Fittings & Accessories



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Brass Female Swivel to Male Adapters
Pin Lug

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
1½"	1½"	SM150F
2½"	1½"	SM25F15T
	2"	SM25F20T
	2½"	SM250F
	3"	SM25F30T
4"	4"	SM400F

Female NPSH Thread	Male NPT Thread	Cast Brass Part #
1½"	1½"	SM150S
2"	2"	SM200S
2½"	2½"	SM250S

Female Thread	Male NST (NH) Thread	Cast Brass Part #
1½" NPSH	1½"	SM15S15F
2½" NST (NH)	3"	SM25F30F

Female Thread	Male NPT Thread	Cast Brass Part #
1½" NYFD	1½"	SM150NYFD
2½" NYFD	2½"	SM250NYFD



Rocker Lug

Female Thread	Male NPT Thread	Cast Brass Part #
1½" NST (NH)	1½"	RSM150F
1½" NPSH	1½"	RSM150S
2½" NST (NH)	2"	RSM25F20T
	2½"	RSM250F
	3"	RSM25F30T



Domestic Male Swivel Adapters - Pin Lug

Female NST (NH) Swivel Thread	Male NPT Thread	Cast Brass Part #
1½"	1½"	SM150F-D
2½"	2½"	SM250F-D
	2"	SM25F20T-D
	3"	SM25F30T-D



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Male Rocker Lug - Suction with Poly Screen



Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
2½"	2" 2½" 3"	RSMSA25F20T RSMSA250F RSMSA25F30T

Male Rocker Lug - Suction with Zinc Screen



Feature:

- suction intake with zinc strainer screen - excellent to use before backflow preventers

Female NST (NH) Thread	Male NPT Thread	Cast Brass Part #
2½"	2" 2½" 3"	RSMSA25F20T-Z RSMSA250F-Z RSMSA25F30T-Z

Male Rocker Lug - Suction with Poly Screen



Feature:

- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Aluminum Part #
2½"	2" 2½"	ARMSA25F20T ARMSA250F

- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Female Swivel to Male Adapters - Rocker Lug Style N54

Female Swivel Thread	Male Rigid Thread	Aluminum Extrusion - Anodized Part #
1½" NST (NH)	1½" NST (NH)	N54-15F15F
	1½" NPT	N54-15F15T
	2½" NST (NH)	N54-15F25F
1½" NPSH	1½" NPSH	N54-15S15S
	1½" NPT	N54-15S15T
2½" NST (NH)	1½" NST (NH)	N54-25F15F
	1½" NPT	N54-25F15T
	2" NPT	N54-25F20T
	2½" NST (NH)	N54-25F25F
	2½" NPT	N54-25F25T
	3" NPT	N54-25F30T
2½" NPSH	2" NPT	N54-25S20T
3" NPSH	3" NPT	N54-30S30T
4" NST (NH)	4" NST (NH)	N54-40F40F
	4" NPT	N54-40F40T
	6" NST (NH)	N54-40F60F
4½" NST (NH)	4" NPT	N54-45F40T
	6" NPT	N54-45F60T
6" NST (NH)	6" NPT	N54-60F60T



Female Swivel to Male Adapters - Long Handle Style N54L

Female NST Thread	Male Thread	Aluminum Extrusion - Anodized Part #
2½"	2½" NST (NH)	N54L-25F25F
4"	6" NST (NH)	N54L-40F60F
4½"	4" NPT	N54L-45F40T
6"	4" NPT	N54L-60F40T
	5" NST (NH)	N54L-60F50F
	6" NPT	N54L-60F60T



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 785

Double Male Hex Nipples

Feature:

- other configurations are available, consult Dixon® for information



reducer



same size



increaser

Male Thread	Male Thread	Cast Brass Part #
¾" NPT	1½" NPSH	DMH7515
	1½" NST (NH)	DMH7515F
1" NPT	¾" GHT	DMH1076
	1" NPSH	DMH1010
	1" NST (NH)	DMH1010F
	1½" NPSH	DMH1015
	1½" NST (NH)	DMH1015F
	2½" NST (NH)	DMH1025F
1½" NPSH	1½" NPSH	DMH15S15S
1½" NPT	1" NPSH	DMH1510
	1" NST (NH)	DMH1510F
	1½" NPSH	DMH1515
	1½" NPT	DMH1515T
	1½" NST (NH)	DMH1515F
	2" NPSH	DMH1520
	2½" NST (NH)	DMH1525F
1½" NST (NH)	1½" NPSH	DMH15F15S
	1½" NST (NH)	DMH15F15F
	2½" NST (NH)	DMH15F25F
2" NPT	1½" NPSH	DMH2015
	1½" NST (NH)	DMH2015F
	2" NPSH	DMH2020
	2½" NPSH	DMH2025
	2" NPT	DMH2020T
	2½" NST (NH)	DMH2025F
2½" NPT	1½" NPSH	DMH2515
	1½" NST (NH)	DMH2515F
	2" NPSH	DMH2520
	2½" NPSH	DMH2525
	2½" NST (NH)	DMH2525F
	2½" NPT	DMH2525T
	3" NPSH	DMH2530
	3" NPT	DMH2530T
	3" NST (NH)	DMH2530F
2½" NST (NH)	2½" NST (NH)	DMH25F25F
	3" NST (NH)	DMH25F30F
3" NPT	2½" NPSH	DMH3025
	2½" NST (NH)	DMH3025F
	3" NPSH	DMH3030
	3" NST (NH)	DMH3030F
4" NPT	4" NPSH	DMH4040
	4" NST (NH)	DMH40F40F
4" NPT	4" NST (NH)	DMH4040F
	4½" NST (NH)	DMH4045F
	4" NPT	DMH4040T
5" NPT	5" NST (NH)	DMH5050F
6" NPT	4½" NST (NH)	DMH6045F
	6" NST (NH)	DMH6060F
	6" NPSH	DMH6060
	6" NPT	DMH6060T

- All adapters are made to approved Dixon® specifications.

Double Male Hex Adapters (NYFD Threads)

Feature:

- other configurations are available, consult Dixon® for information

Male Thread	Male NYFD Thread	Cast Brass Part #
1½" NPT	1½"	DMH1515NYFD
1½" NST (NH)	1½"	DMH15F15NYFD
1½" NPT	2½"	DMH1525NYFD
2" NPT	2½"	DMH2025NYFD
2½" NPT	1½"	DMH2515NYFD
2½" NPT	2½"	DMH2525NYFD

Male NST (NH) Thread	Male NYFD Thread	Cast Brass Part #
2½"	2½"	DMH25F25NYFD

Male NYFD Thread	Male NYFD Thread	Cast Brass Part #
1½"	1½"	DMH15NYFD15NYFD
2½"	2½"	DMH25NYFD25NYFD

- NYFD thread: 3.031 x 8 TPI



reducer



same size



increaser

- All adapters are made to approved Dixon® specifications.

Domestic Double Male Hex Adapters

Fire Fittings & Accessories



reducer



same size



increaser

Feature:

- other configurations are available, consult Dixon® for information

Male Thread	Male Thread	Cast Brass Part #
1" NPT	1" NST (NH)	DMH1010F-D
	1½" NST (NH)	DMH1015F-D
1½" NPT	1½" NPSH	DMH1515-D
	1½" NST (NH)	DMH1515F-D
	2½" NST (NH)	DMH1525F-D
1½" NST (NH)	1½" NST (NH)	DMH15F15F-D
	1½" NPSH	DMH15F15S-D
	2½" NST (NH)	DMH15F25F-D
2" NPT	1½" NST (NH)	DMH2015F-D
	2" NPSH	DMH2020-D
	2½" NST (NH)	DMH2025F-D
2½" NPT	1½" NST (NH)	DMH2515F-D
	2½" NST (NH)	DMH2525F-D
2½" NST (NH)	2½" NST (NH)	DMH25F25F-D
		DMH3025F-D
3" NPT	2½" NST (NH)	DMH3030F-D
	3" NST (NH)	DMH3030F-D
4" NPT	4½" NST (NH)	DMH4045F-D
	6" NST (NH)	DMH6060F-D

Double Male Adapters

Feature:

- other configurations are available, consult Dixon® for information

Pin Lug



Male Thread	Male Thread	Cast Brass Part #
1½" NST (NH)	1½" NST (NH)	DMP1515F
	1½" NPT	DMP15F15T
1½" NPSH	1½" NPSH	DMP1515
	1½" NPT	DMP15S15T
1½" NST (NH)	1½" NPSH	DMP15F15S
2½" NST (NH)	2½" NST (NH)	DMP2525F
	2½" NPSH	DMP25F25S
	2½" NPT	DMP25F25T
2½" NPSH	2½" NPSH	DMP2525

Rocker Lug



Male Thread	Male Thread	Cast Brass Part #
1½" NST (NH)	1½" NST (NH)	DMR1515F
	1½" NPT	DMR15F15T
	1½" NPSH	DMR15F15S
1½" NPSH	1½" NPSH	DMR1515
	1½" NPT	DMR15S15T
2½" NST (NH)	2½" NST (NH)	DMR2525F
	2½" NPSH	DMR2525

- All adapters are made to approved Dixon® specifications.

Double Male Adapters - Rocker Lug
Style N36

Fire Fittings &
Accessories

Male NST (NH) Thread	Male Thread	Aluminum Extrusion - Anodized Part #
1"	1" NST (NH)	N36-10F10F
1½"	1½" NST (NH)	N36-15F15F
	2" NPT	N36-15F20T
	2½" NST (NH)	N36-15F25F
2½"	2½" NST (NH)	N36-25F25F
	3" NST (NH)	N36-25F30F
	3" NPT	N36-25F30T
	4" NST (NH)	N36-25F40F
	4" NPT	N36-25F40T
	4½" NST (NH)	N36-25F45F
3"	3" NST (NH)	N36-30F30F
4"	4" NST (NH)	N36-40F40F
4½"	4½" NST (NH)	N36-45F45F
6"	6" NST (NH)	N36-60F60F
Male NPT Thread	Male Thread	Aluminum Extrusion - Anodized Part #
1½"	1½" NST (NH)	N36-15T15F
	2½" NST (NH)	N36-15T25F
2"	2" NPT	N36-20T20T
	2½" NST (NH)	N36-20T25F
2½"	2½" NST (NH)	N36-25T25F
	3" NPT	N36-25T30T
	4" NPT	N36-25T40T
3"	3" NST (NH)	N36-30T30F
4"	4" NST (NH)	N36-40T40F
	4½" NST (NH)	N36-40T45F
5"	6" NPT	N36-50T60T
6"	6" NST (NH)	N36-60T60F
Male NPSH Thread	Male Thread	Aluminum Extrusion - Anodized Part #
1"	1" NPSH	N36-10S10S
1½"	1½" NST (NH)	N36-15S15F
	1½" NPSH	N36-15S15S
	1½" NPT	N36-15S15T
	2" NPSH	N36-15S20S
2½"	2½" NST (NH)	N36-25S25F
	2½" NPSH	N36-25S25S



same size



increaser

Cam and Groove Hydrant Adapters

Features:

- pin lugs allow for easy connection using standard spanner and hydrant wrenches on pages 799 - 802
- supplied with a Buna-N washer in the threaded end

Female NST (NH) Thread	Male Adapter	Brass Part #	Aluminum Part #
1½"	1½"	HA1515ADP	AHA1515ADP
2½"	2½"	HA2525ADP	AHA2525ADP



Replacement Washers

ID	OD	Thickness	Buna-N Part #
1-9/16"	2-1/16"	1/8"	SW150
2-9/16"	3-3/16"	3/16"	SW250



- All adapters are made to approved Dixon® specifications.

Cam and Groove x NST

Features:

- powder coated aluminum adapter
- for suction and low pressure discharge only
- other sizes, configurations and materials available, contact Dixon® for information



Type A x Female NST (NH)

Adapter Size	Female NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-A-ALNST
2½"	2½"	G250-A-ALNST
3"	2½"	3025-A-ALNST

Type B x Male NST (NH)

Feature:

- Buna seals standard



Coupler Size	Male NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-B-ALNST
2"	1½"	2015-B-ALNST
2½"	2½"	G250-B-ALNST
3"	2½"	3025-B-ALNST

Type D x Female NST (NH)

Feature:

- Buna seals standard



Coupler Size	Female NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-D-ALNST
2"	2½"	2025-D-ALNST
2½"	2½"	G250-D-ALNST
3"	2½"	3025-D-ALNST


Type F x Male NST (NH)



Adapter Size	Male NST (NH) Thread	Aluminum Part #
1½"	1½"	G150-F-ALNST
2"	2½"	2025-F-ALNST
2½"	2½"	G250-F-ALNST
3"	2½"	3025-F-ALNST

Brass Caps Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only 

NST (NH) Thread	Cast Brass Part #
1½"	FC150F FC150F-P FC150F-C
2"	FC200F FC250F FC250F-P FC250F-C
2½"	FC300F FC400F FC450F FC600F
3"	
4"	
4½"	
6"	
NPSH Thread	Cast Brass Part #
1½"	FC150
2"	FC200
2½"	FC250
3"	FC300
4"	FC400
6"	FC600



Rocker Lug

Feature:

- finishes: -P polished, -C polished chrome plated

NST (NH) Thread	Cast Brass Part #
1"	RFC100F
1½"	RFC150F
2½"	RFC250F RFC250F-C
NPSH Thread	Cast Brass Part #
¾"	RFC075
1"	RFC100
1½"	RFC150
2"	RFC200
2½"	RFC250



Brass Test Caps

Features:

- pet cock port supplied with ⅛" NPT
- drain cock port supplied with ¼" NPT

NST (NH) Thread	Brass Part #
2½"	NST250TC



Aluminum Caps with Cable

Rocker Lug

Features:

- other configurations are available, consult Dixon® for information, not all configurations are stocked
- aircraft cable (coated) included

Size	Thread	Extruded Hardcoated Aluminum Part #
1"	NST (NH)	CAP100F-C
1½"		CAP150F-C
2"		CAP200F-C
2½"		CAP250F-C
3"		CAP300F-C
4"		CAP400F-C
4½"		CAP450F-C
5"		CAP500F-C
6"	CAP600F-C	
1"	NPSH	CAP100S-C
1½"		CAP150S-C
2"		CAP200S-C
2½"		CAP250S-C

Fire Fittings & Accessories



Long Handle

NST (NH) Thread	Extruded Hardcoated Aluminum Part #
4"	CAP400F-C-LH
4½"	CAP450F-C-LH
5"	CAP500F-C-LH
6"	CAP600F-C-LH



Aluminum Test Caps

Feature:

- supplied with ¼" NPT drill and tap

Size	Thread	Aluminum Part #
1½"	NST (NH)	CAP150FABS
2"		CAP200FABS
2½"		CAP250FABS
3"		CAP300FABS
4"		CAP400FABS
4½"		CAP450FABS
5"		CAP500FABS
6"		CAP600FABS
1½"	NPSH	CAP150SABS
2"		CAP200SABS
2½"		CAP250SABS
3"		CAP300SABS
4"		CAP400SABS
4½"		CAP450SABS
5"		CAP500SABS
6"		CAP600SABS




Thermoplastic Caps

Caps with Chain

Application:

- prevents entry of foreign material and protects male outlet threads on valves and hydrants

Feature:

- NOT intended to be pressurized 

Size	Thread	Polycarbonate Part #
1½"	NPSH NST (NH)	PFCW150 PFCW150F
2"	NPSH	PFCW200
2½"	NST (NH)	PFCW250F
3"	NST	PFCW300F



Pressurizable Cap with Chains

Feature:

- can be pressurized to **300 PSI**

Size	Thread	Polycarbonate Part #
2½"	NST (NH) Thread	PFC250F



Hydrant Caps

Features:


- 1⅛" pentagonal nut with weep hole
- gasket not included

NST (NH) Thread	Polycarbonate Part #
2½"	PFCW250F-Y
4"	PFCW400F-Y
4½"	PFCW450F-Y



Universal Hose Cap

Features:

- universal push on - pull off cap protects all threads by gripping the valve or outlet on the inside of the waterway
- NOT intended to be pressurized 

Size	Polycarbonate Part #
2½"	PFC250U



Breakable Caps

Polycarbonate

Application:

- prevents entry of foreign material and protects female threads on pin lug fire department inlet connections

Feature:

- used on pin lug females

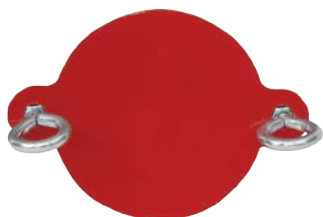


Size	Polycarbonate Part #
2½"	PBC250

Aluminum

Features:

- for use on fire department inlet connections
- prevents entry of foreign matter and protects female threads
- breakable ears feature permits fast hose connection
- two eyebolts with nuts for attachment to female pin lug swivel
- painted red finish



Size	Aluminum Part #
2½"	ABC250

Specialty Caps

Domestic Caps - Pin Lug

Feature:

- other sizes, threads, and finishes available, call Dixon® for information



Size	Thread	Brass Part #
1½"	NST (NH)	FC150F-D
2½"		FC250F-D

Note: jack chains with S-hooks can be found on page 172

Hydrant Caps

Features:

- pentagon fire hydrant cap
- supplied with chain and ring



Size	Thread	Iron Part #
2½"	NST (NH)	IHC250F
4½"	NST (NH)	IHC450F

Note: jack chains with S-hooks can be found on page 172

Specialty Caps

Plugs with Cable - Rocker Lug

Feature:

- NC: no cable option available

Size	Extruded Hardcoated Aluminum	
	NST (NH) Part #	NPSH Part #
1½"	PLUG150F-C	PLUG150S-C
2½"	PLUG250F-C	PLUG250S-C
3"	PLUG300F-C	PLUG300S-C
4"	PLUG400F-C	---
4½"	PLUG450F-C	---
5"	PLUG500F-C	---
6"	PLUG600F-C	---



Fire Fittings & Accessories

Cap Test Gauges

Application:

Used for testing hose or static pressure on hydrants or trucks

Features:

- rocker lug swivel
- petcock to release pressure
- supplied with a 0-300 PSI glycerine 3½" diameter gauge

NST (NH) Thread	Hardcoated Aluminum Part #
1½"	AFC150F-TGWP
2½"	AFC250F-TGWP



FDC Plugs

Features:

- fits standard 2½" NST (NH) female swivel
- withstands wide range of temperatures from -4°F to 200°F (-20°C to 93°C)
- 1⅛" pentagonal nut with weep hole to allow for drainage
- removed from FDC with adjustable hydrant wrench

Size	Thread	Polycarbonate Part #
1½"	NST (NH)	PP150F NEW
2½"	NST (NH)	PP250F
2½"	NYFD	PP250NYFD NEW



Adjust-A-Plug

Features:

- molded red polycarbonate protective plug for swivel connections up to 2½"
- two adjustable metal plates installed in the back of the plug can be mated with your local thread
- plug can be easily removed with a fire department spanner wrench

Polycarbonate Part #
PAP250



front




back

Brass Plugs

Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- NOT intended for pressure applications - for debris and thread protection only 



NST (NH) Thread	Cast Brass Part #
1½"	FP150F FP150F-P FP150F-C
2½"	FP250F FP250F-P FP250F-C
3"	FP300F
4"	FP400F
4½"	FP450F
NPSH Thread	Cast Brass Part #
1½"	FP150
2½"	FP250

Rocker Lug

Feature:

- finishes: -P polished, -C polished chrome plated



NST (NH) Thread	Cast Brass Part #
1½"	RFP150F
2½"	RFP250F

Domestic Plugs - Pin Lug



NST (NH) Thread	Brass Part #
1½"	FP150F-D
2½"	FP250F-D

Brass Replacement Swivels and Accessories

Features:

- replacement brass swivels for Dixon® fire department connections
- swivel comes with gasket, set screw and ball bearings needed to install on FDC
- other configurations are available, contact Dixon® for information



Size	Female Thread	Brass Part #
2½"	NPSH (2.84x8)	PSNP250S
	NST (NH) (3.07x7.5)	PSNP250NST
	NYC/BA (3.00x8)	PSNP250NYC
	NYFD (3.03x8)	PSNP250NYFD
3"	NST (NH)	PSNP300NST
	NYFD	PSNP300NYFD

- 2½" requires 50 ball bearings, 3" requires 58 ball bearings

Replacement Parts



4600300001

Description	Part #
2½" gasket	SW250
3" gasket	SW300F
ball bearings	4600300001
set screw	4601100418

FSA-Storz x Rigid Female

Features:

- for use wherever a non-valved, locking coupling is required
- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x NST (NH) Female

Storz Size	NST (NH) Female Thread	6061-T6 Forged Aluminum Part #
1½"	1½"	FSA1515F
2"	1½"	FSA2015F
	2½"	FSA2025F
2½"	2½"	FSA2525F
	3"	FSA3025F
4"	2½"	FSA4025F
	3"	FSA4030F
	4"	FSA4040F
	4½"	FSA4045F
	5"	FSA4050F
	6"	FSA4060F
5"	2½"	FSA5025F
	3"	FSA5030F
	4"	FSA5040F
	4½"	FSA5045F
	5"	FSA5050F
6"	6"	FSA5060F
	6"	FSA6060F



Storz x NPT Female

Storz Size	NPT Female Thread	6061-T6 Forged Aluminum Part #
1½"	1"	FSA1510T
	1½"	FSA1515T
2"	1½"	FSA2015T
	2"	FSA2020T
2½"	1½"	FSA2515T
	2"	FSA2520T
	2½"	FSA2525T
	3"	FSA2530T
3"	3"	FSA3030T
	3"	FSA4030T
	4"	FSA4040T
4"	6"	FSA4060T
	3"	FSA5030T
	4"	FSA5040T
5"	5"	FSA5050T
	6"	FSA5060T
	4"	FSA6040T
6"	6"	FSA6060T



Storz x NPSH Female

Storz Size	NPSH Female Thread	6061-T6 Forged Aluminum Part #
1½"	1½"	FSA1515S
2"	1½"	FSA2015S
2½"	2½"	FSA2525S
4"	4"	FSA4040S



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 798

SFSA - Storz x Swivel Female Adapter - Rocker Lug / Long Handle

Fire Fittings & Accessories

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz x NST (NH) Female Swivel

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
2½"	2½"	SFSA2525F
3"	2½"	SFSA3025F
4"	2½"	SFSA4025F
	3"	SFSA4030F
	4"	SFSA4040F
	4½"	SFSA4045F
5"	6"	SFSA4060F
	2½"	SFSA5025F
	4"	SFSA5040F
6"	4½"	SFSA5045F
	6"	SFSA5060F
	6"	SFSA6060F



Storz x NPSH Female

Storz Size	NPSH Female Swivel Thread	6061-T6 Forged Alumium Part #
2½"	2½"	SFSA2525S
3"	3"	SFSA3030S
4"	4"	SFSA4040S
5"	6"	SFSA5060S



Storz x NST (NH) Female Swivel - Long Handle

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4½"	SFSA4045F-LH
5"	4"	SFSA5040F-LH
5"	4½"	SFSA5045F-LH
6"	6"	SFSA6060F-LH



- All adapters are made to approved Dixon® specifications.
- Replacement washers can be found on page 798



MSA - Storz x Rigid Male

Storz x NST (NH) Male

Storz Size	NST (NH) Male Thread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515F
2"	1½"	MSA2015F
2½"	2½"	MSA2525F
3"	2½"	MSA3025F
4"	2½"	MSA4025F
	4"	MSA4040F
	4½"	MSA4045F
5"	2½"	MSA5025F
	5"	MSA5050F



Fire Fittings & Accessories

Storz x NPT Male

Storz Size	NPT Male Thread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515T
2"	1½"	MSA2015T
2½"	2"	MSA2520T
	2½"	MSA2525T
	3"	MSA2530T
3"	3"	MSA3030T
4"	4½"	MSA4025T
	4"	MSA4040T
5"	4"	MSA5040T
6"	6"	MSA6060T



Storz x NPSH Male

Storz Size	NPSH Male Thread	6061-T6 Forged Alumium Part #
1½"	1½"	MSA1515S
2"	1½"	MSA2015S



1½" x 1½"

- All adapters are made to approved Dixon® specifications.



SFSA30 - Storz x Female Swivel 30° Elbow - Rocker Lug



Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"
- screens available for 4" and 5" heads, consult Dixon® for information

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4"	SFSA30-4040F
	5"	SFSA30-4050F
	6"	SFSA30-4060F
5"	3"	SFSA30-5030F
	4"	SFSA30-5040F
	4½"	SFSA30-5045F
	6"	SFSA30-5060F

- Replacement washers can be found on page 798

SFSA30 - Storz x Female Swivel 30° Elbow - Long Handle



Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	NST (NH) Female Swivel Thread	6061-T6 Forged Alumium Part #
4"	4½"	SFSA30-4045F-LH
	5"	SFSA30-4050F-LH
	6"	SFSA30-4060F-LH

- Replacement washers can be found on page 798

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz



150# Flange	Storz	Carbon Steel Part #
4"	5"	NCS-CSF-STZ450
	6"	NCS-CSF-STZ460
5"	4"	NCS-CSF-STZ540
	5"	NCS-CSF-STZ550
	6"	NCS-CSF-STZ560
6"	4"	NCS-CSF-STZ640
	5"	NCS-CSF-STZ650
	6"	NCS-CSF-STZ660

- For flange dimensions, diagrams and additional information please reference dixonvalve.com.

NCS-CSF - 150 lbs. Carbon Steel Flange x Storz with Cap



150# Flange	Storz	Carbon Steel Part #
5"	6"	NCS-CSF-STZ650C
6"	6"	NCS-CSF-STZ660C

- For flange dimensions, diagrams and additional information please reference dixonvalve.com.

SSA - Storz x Storz Adapter

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	6061-T6 Forged Alumium Part #
1½"	2"	SSA1520
	2½"	SSA1525
2"	2½"	SSA2025
	3"	SSA2030
	4"	SSA2540
4"	5"	SSA4050
	6"	SSA4060
5"	6"	SSA5060



SSA30 - Storz x Storz 30° Elbow Adapters

Features:

- anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI at 70°F (21°C)**
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Storz Size	6061-T6 Forged Alumium Part #
5"	5"	SSA30-550



Dixon Storz Hydrant Conversion Adapters

Features:

- designed to adapt 4½" NH threads found on most hydrants to Storz connection
- secured to hydrant by 3 set screws positioned around the rim
- hydrant side: metal face to seal to gasketed face on hose
- reflective stripe around the rim for ease of night time location

Size	Part #
5" Storz x 4 1/2" NH (NST)	SHA5045F



Storz Accessories

Fire Fittings & Accessories



Threaded Storz Mounting Plates (Bracket)

Storz Size	Anodized Aluminum Part #
1½" - 2½"	SMB1525
4" - 5"	SMB450

Storz Caps

Features:

- 4", 5", 6" supplied with cables
- 1½", 2", 2½", 3" supplied with chains



Storz Size	Aluminum Part #
1½"	SC150-NL
2"	SC200-NL
2½"	SC250-NL
3"	SC300-NL
4"	SC400-NL
4" ABS	SC400ABS¹
5"	SC500-NL
5" ABS	SC500ABS¹
6"	SC600-NL

¹ ABS includes airbleeder/petcock

Storz Gaskets

Features:

- gasket faces should be kept free of sand, grit, etc. and lubricated with O-ring grease or silicone
- pressure seals have a flat face
- suction seals have a beaded face



Storz Size	Buna-N Pressure Part #	Buna-N Suction Part #
1½"	SGS150-NL¹	SGS150-NL
2"	SGP200	SGS200-NL
2½"	SGP250	SGS250-NL
3"	SGP300	SGS300-NL
4"	SGP400	SGS400-NL
5"	SGP500	SGS500-NL
6"	SGS600-NL¹	SGS600-NL

¹ gasket can be used for both pressure and suction service

Storz Locking Device



Description	Part #
metal locking device used on 4" and 5" Storz heads with spring, screw and washer	LOCKINGDEVICE
metal locking device used on 6" Storz heads with spring, screw and washer	LOCKINGDEVICE6

Wrenches Universal Spanner

Features:

- for 3/4" to 3" pin lug and rocker lug couplings
- includes gas cock shutoff, pry bar and belt hook eye
- overall length 11 7/8"

<i>Aluminum</i>	Pkg
Part #	Qty
USW	25



Universal

Features:

- for pin lug or rocker lug couplings 1" - 4 1/2"
- a gas cock shutoff is provided in the handle
- red epoxy painted
- overall length 11 3/4"

<i>Iron</i>
Part #
233



Hole Type Spanner

Features:

- designed for use on 3/4" and 1" booster hose couplings
- overall length is 7 1/2"

<i>AL-MAG 35</i>
Part #
HTSW



Storz Hydrant

Features:

- fits 4" and 5" Storz
- ductile iron head
- knurled chrome plated handle
- manganese bronze adjustable jaw
- includes adjustable hydrant nut wrench

Part #
SAHW



Folding Pocket Spanner

Features:

- for pentagon nuts up to 1 3/4"
- built-in spanner for pin or rocker lug couplings
- overall length 16 1/4"

Material	Part #
<i>aluminum</i>	PSW
<i>brass</i>	PSW-B
<i>die cast zinc</i>	PSW-Z
<i>yellow plastic</i>	PSW-Y



Adjustable Hydrant

Features:

- fits 3/4" to 3" rocker lug and pin lug couplings
- a compact wrench easily carried in your jacket pocket

<i>Aluminum</i>	Pkg
Part #	Qty
AHW	20



Wrenches

Pigtail Adjustable Hydrant

Feature:

- double spanner head fits pin lug or rocker (sensible) lug couplings, pentagon nuts up to 1½" from point to flat, 1½" - 6" rocker lug caps, 2" - 4½" pin lug caps, and square nuts up to 1½"



Part #

AHWPT

Fire Fittings & Accessories

Heavy Duty Adjustable Hydrant

Features:

- for pentagon hydrant nuts up to 1¾" from point to flat
- notched to fit 1¼" square hydrant nut
- spanner for pin lug and sensible (rocker) lug couplings, 1½" thru 6"
- plated iron head, ⅞" plated steel handle
- overall length 18"



Part #

189

Pkg Qty

15

Double Head Adjustable Hydrant

Features:

- for pentagon hydrant nuts up to 1½" and square heads up to 1½"
- fits ¾" - 6" rocker lug or pin lug couplings, can also be used for long handle couplings
- ductile iron head with a deeply knurled chrome plated steel handle
- replaceable adjustable jaw is made of manganese bronze
- overall length 19½"



Part #

189DH

5 Hole Hydrant

Features:

- 5 pentagon holes designed to fit common hydrant nut sizes
- built-in spanner for pin or rocker lug couplings
- overall length: 14¼"



Plated Iron

Part #

PHW

Pkg Qty

25

Grip-All Spanner

Features:

- fits ¾" - 6" split lug, rocker lug and pin lug couplings
- can be operated in tight quarters
- gas cock shutoff is provided in the handle, handle is shaped to fit your hand allowing a positive grip on the coupling



Aluminum

Part #

GAW

Wrenches

Hydrant

Application:

- used for hydrant work by water works companies and on construction sites

Features:

- overall length 15"
- fits up to 4" pin lug or rocker lug couplings
- complete with pry bar
- 1¼" square hydrant wrench



A356 Aluminum

Part #

DF16-180

Features:

- fits up to 2½" pin lug or rocker lug couplings
- complete with pry bar and 1¼" nut wrench
- lug / drum wrench



A356 Aluminum

Part #

DF16-181

Long Handle Suction Spanner

Features:

- use on long handle, rocker lug, or pin lug couplings from 2½" - 6"
- open end slips over long handles for additional leverage, the claw fits rocker lugs or pin lugs, the other end can be used as a pry or crowbar
- inverted "T" body construction for lighter weight and improved strength
- can be used on Dixon® cam and groove pin lug or trapezoidal lug tank car adapters or 8" pin lug couplings
- overall length 18¾"



Plated Iron

Part #

LHW

Forestry Hose Clamp and Spanner

Features:

- material: cast aluminum and brass
- off-set handle enables the user to easily operate the clamp while wearing gloves
- to be used with lightweight 1" and 1½" hoses for pressures up to 200 PSI
- when clamped onto the hose the brass locking device safely holds the clamp in position, a spanner is an integral part of the clamp
- overall length 10"



Cast Aluminum

Part #

FHCS150

Forestry Pocket Spanners

Features:

- FSW1: for use on 1" hoses only
- FSW2: for 1" and 1½" hose couplings
- overall length 5"
- meets USFDA specification 5100-101C



Aluminum

Part #

FSW1

FSW2

Storz Wrenches

Pin Lug Spanner - Single End



Size	Plated Iron Part #
2"	SW20
2½"	SW25
3"	SW30
4"	SW40
6"	SW60

Pin Lug Spanner - Double End



Size	Plated Iron Part #
1½", 2" x 2½", 3"	SW153

Spanner - Single End



SZW2

- Features:**
- SW1530 fits 1½" - 3" Storz
 - SZW2 for use on 4" and 6" Storz



SW1530

Size	AL-MAG 35 Part #
1½" - 3"	SW1530
4" - 6"	SZW2

Spanner -Double End



SZW2-NL



SW-S400

Used On	Material	Part #
2" - 5"	<i>aluminum</i>	SZW2-NL
2" - 5"	<i>steel</i>	SW-S400

Holder with (2) Wrenches - Double Ended



Description	Material	Part #
2 Storz wrenches (2½" - 5") with bracket	<i>aluminum</i>	SWB-2
2 Storz wrenches (2½" - 5") with bracket	<i>steel</i>	SWB-S-2
4 Storz wrenches (2½" - 5") with bracket	<i>steel</i>	SWB-S-4

Long Handle Short Shank Suction Hose Females

Features:

- powder coated aluminum swivel nut
- for suction and low pressure discharge only



Female Swivel NST (NH)	Hose Size	Powder Coated Aluminum Part #
4"	4"	LHFS400F
4½"	4"	LHFS4045F

Angle and Suction Elbows

Features:

- for use on pump discharge valves, or suction inlets to minimize hose kinking
- rocker lug swivel
- satin brass finish
- -C polished chrome plated



30° elbow



45° elbow

Male NST (NH) Thread	Female NST (NH) Thread	Angle	Brass Part #
2½"	2½"	30°	RSE30250F-C
		45°	RSE45250F
		45°	RSE45250F-C
		90°	RSE90250F
		90°	RSE90250F-C

Continuous Swivel Elbows

Features:

- allows hose to swing when connected
- full waterway reduces friction loss
- short style radius is 2½" measured from the center of the waterway to the end of the discharge thread



Female NPT Thread	Male Thread	Length	Cast Brass Part #
1½"	1½" NST (NH)	2½"	CSES150F
2"	1½" NST (NH)	2½"	CSES2015F
1½"	1½" NPT	2½"	CSES150T

Dixon® Angle and Suction Elbows N54

Features:

- ideal for fire apparatus with front suction connections
- anodized, powder coated aluminum, extruded
- anodized female swivel connections



90° elbow

Male NST (NH) Thread	Female NST (NH) Swivel Thread	Angle	Aluminum Part #
2½"	2½"	30°	N5430-25F25F
		45°	N5445-25F25F
		60°	N5460-25F25F
		90°	N5490-25F25F

- Replacement washers can be found on page 785

Pump Test Headers

Fire Fittings & Accessories



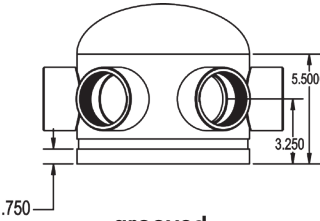
flanged



Features:

- available connections: grooved, flanged and threaded
- certified D1, G1, G6
- other sizes, configurations available, consult Dixon® for information

End Connection	End Size	# of Outlets	Pump Size Max. GPM	Part #
150# flanged	3"	1	300	<i>HVF0301-25</i>
	4"	2	500	<i>HVF0402-25</i>
	6"	3	750	<i>HVF0603-25</i>
	6"	4	1000	<i>HVF0604-25</i>
	6"	6	1000	<i>HVF0606-25</i>
	8"	6	2000	<i>HVF0806-25</i>
grooved	6"	3	750	<i>HVG0603-25</i>
	6"	4	1000	<i>HVG0604-25</i>
	8"	3	750	<i>HVG0803-25</i>
	8"	6	2000	<i>HVG0806-25</i>



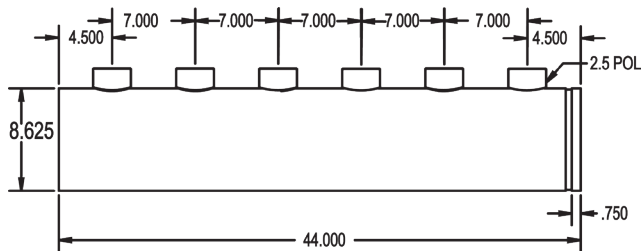
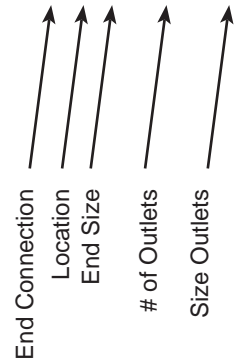
grooved

Manifolds



Model Number Breakdown

T98060-30



End Connection		Location		End Size		# of Outlets		Outlet Size	
T	threaded	E	End	40	4"	20	2	25	2½" FNPT
G	grooved	B	Back	60	6"	30	3	30	3" FNPT
F	flanged	9	90°	80	8"	40	4	---	---
---	---	---	---	---	---	60	6	---	---



Two Way Male Outlet - Roof Connections

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- UL listed
- maximum operating pressure: **175 PSI at 70°F (21°C)**
- other configurations are available, contact Dixon® for additional information

back outlet

Pipe Size	(2) Outlets Male	Cast Brass Part #
4"	2½" NPT	IRC4025
	2½" NPT	FRC4025
	2½" NST (NH)	IRC4025F
	2½" NST (NH)	FRC4025F
6"	2½" NPT	FRC6025
	2½" NST (NH)	FRC6025F

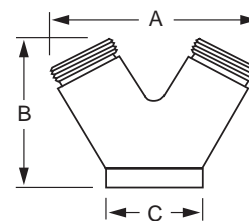


Groove Size	(2) Outlets Male	Cast Brass Part #
4"	2½" NST (NH)	IRC4025GF



Dimensions

Size	A	B	C
4" x 2½" x 2½"	7-7/8"	5-3/16"	5-1/4"
6" x 2½" x 2½"	8-3/16"	6-3/8"	7-5/8"



Two Way Male Outlet - Roof Connections



Fire Fittings & Accessories

Features:

- Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants
- provides 250 GPM minimum per outlet
- UL listed
- maximum operating pressure: **175 PSI at 70°F (21°C)**

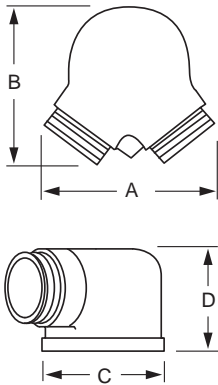
90° bottom outlet



Pipe Size	(2) Outlets Male	Cast Brass Part #
4"	2½" NPT	90IRC4025
	2½" NPT	90FRC4025
	2½" NST (NH)	90IRC4025F
	2½" NST (NH)	90FRC4025F
6"	2½" NPT	90FRC6025
	2½" NST (NH)	90FRC6025F



Groove Size	(2) Outlets Male	Cast Brass Part #
4"	2½" NPT	90IRC4025G
	2½" NST(NH)	90IRC4025GF



Dimensions

Size	A	B	C	D
4" x 2½" x 2½"	7½"	6¾"	5⅛"	4½"
6" x 2½" x 2½"	9"	8½"	7½"	5"

Three Way Male Outlet - Roof Connections

Features:

- used to create roof connections, or fire pump test connections
- provides 250 GPM minimum per outlet

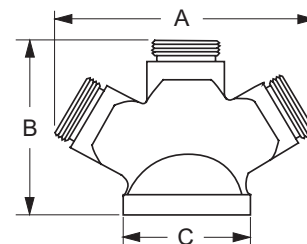
back outlet

Pipe Size	(3) Outlets Male	Cast Brass Part #
4"	2½" NPT	FR3C4025
6"	2½" NPT 2½" NST (NH)	FR3C6025 FR3C6025F



Dimensions

Size	A	B	C
4" x 2½" x 2½" x 2½"	12¾"	8¾"	5¼"
6" x 2½" x 2½" x 2½"	15⅝"	9¾"	7⅞"



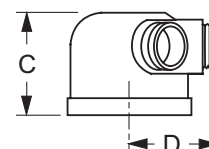
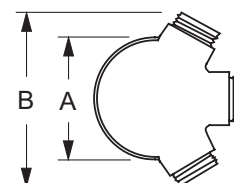
bottom outlet

Pipe Size	(3) Outlets Male	Cast Brass Part #
4"	2½" NPT 2½" NST (NH)	90FR3C4025 90FR3C4025F
6"	2½" NPT 2½" NST (NH)	90FR3C6025 90FR3C6025F



Dimensions

Size	A	B	C	D
4" x 2½" x 2½" x 2½"	7¾"	11¾"	4-7/16"	6¼"
6" x 2½" x 2½" x 2½"	7¾"	11¾"	4-7/16"	6¼"



Sleeve for Sidewalk (free standing) Connections

Features:

- used in conjunction with a sidewalk escutcheon and a 90° double clapper Siamese to create a sidewalk (free standing) fire department connection
- finishes: -P polished, -C polished chrome plated

Pipe Size	Length	Brass Part #
4"	18"	SS418-P
	18"	SS418-C
	24"	SS424-P
	24"	SS424-C
6"	18"	SS618-P
	18"	SS618-C
	24"	SS624-P
	24"	SS624-C



Single Clapper Siamese Connections

Features:

- single swing clapper with (2) pin lug swivel inlets
- provides 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- design provides unobstructed waterway
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- branding: Auto-Spkr
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **250 PSI at 70°F (21°C)**
- replacement swivels can be ordered on page 792

Fire Fittings & Accessories



back outlet

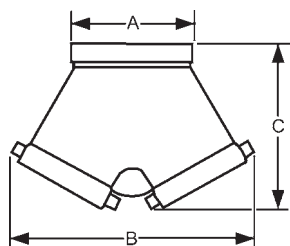
Feature:

- UL listed and FM approved

Outlet Female NPT Thread	(2) Inlets Female Thread	Cast Brass Part #
4"	2½" NST (NH)	SCS4025F
4"	2½" NST (NH)	ISCS4025F¹

¹ imported

Dimensions



Size	A	B	C
4" x 2½" x 2½"	5⅞"	9"	6-1/16"

- dimensions match SCS4025F and SCS4025NYFD



bottom outlet

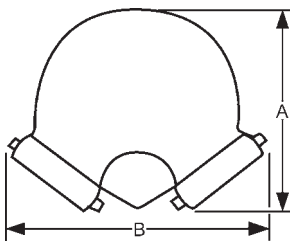
Feature:

- UL listed

Outlet Female NPT Thread	(2) Inlets Female Thread	Cast Brass Part #
4"	2½" NST (NH)	90SCS4025F
4"	2½" NST (NH)	90ISCS4025F¹

¹ imported

Dimensions



Size	A	B
4" x 2½" x 2½"	6⅞"	9⅞"

- dimensions match 90SCS4025F, and 90SCS4025NYFD

Double Clapper Siamese Connections



Features:

- double drop clapper with (2) pin lug swivel inlets provides required 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply (250 GPM minimum per inlet)
- exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes
- maximum operating pressure: **175 PSI at 70°F (21°C)**
- finish: -P polished or -C polished chrome plated
- UL listed and FM approved

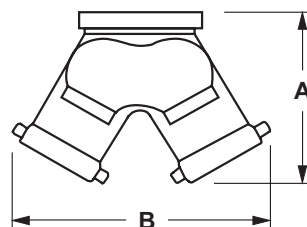
back outlet

Outlet Female NPT Thread	(2) Inlets Female Thread	Branding	Cast Brass Part #
4"	2½" NST(NH)	AutoSprinkler	DCS4025F
		AutoSprinkler	DCS4025F-P
		AutoSprinkler	DCS4025F-C
		StandPipe	DCS4025F-SP
		No Branding	DCS4025F-NB
6"	2½" NST(NH) 2½" NST(NH)	AutoSprinkler	DCS4030F
		AutoSprinkler	DCS4030NYFD
6"	2½" NST(NH) 2½" NST(NH)	AutoSprinkler	DCS6025F
		StandPipe	DCS6025F-SP



Dimensions

Size	A	B
4" x 2½" x 2½"	9 ⁵ / ₈ "	12¼"
6" x 2½" x 2½"	10¼"	11¾"
4" x 3" x 3"	10"	12½"
6" x 3" x 3"	10 ³ / ₈ "	12½"



bottom outlet

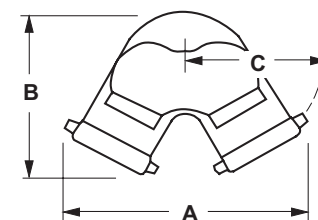
Outlet Female NPT Thread	(2) Inlets Female Thread	Branding	Cast Brass Part #
4"	2½" NST(NH)	AutoSprinkler	90DCS4025F
		AutoSprinkler	90DCS4025F-P
		AutoSprinkler	90DCS4025F-C
		StandPipe	90DCS4025F-SP
		No Branding	90DCS4025F-NB
6"	2½" NST(NH) 2½" NST(NH)	AutoSprinkler	90DCS4030F
		AutoSprinkler	90DCS4030NYFD
6"	2½" NST(NH) 2½" NST(NH)	AutoSprinkler	90DCS6025F
		AutoSprinkler	90DCS6025F-SP
6"	3" NYFD 3" NYFD	AutoSprinkler	90DCS6030NYFD
		AutoSprinkler	90DCS6030NYFDSP



polished

Dimensions

Size	A	B	C
4" x 2½" x 2½"	11¾"	9 ⁵ / ₈ "	7¼"
6" x 2½" x 2½"	11¾"	10¼"	7¼"
4" x 3" x 3"	12½"	10 ¹ / ₈ "	7½"
6" x 3" x 3"	12¼"	10 ⁷ / ₈ "	7¼"



- special threads, branding and finishes are available, consult Dixon® for information
- replacement swivels can be ordered on page 792

Triple Clapper Siamese Connections

Features:

- branding: see below
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **175 PSI at 70°F (21°C)**

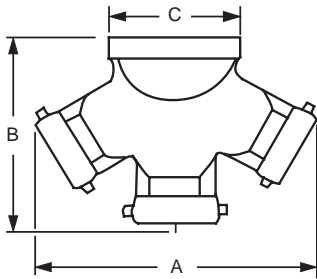


polished

back outlet

Outlet Female NPT Thread	(3) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
4"	2½"	AutoSprinkler StandPipe No Branding	TCS4025F TCS4025F-SP TCS4025F-NB
6"	2½"	AutoSprinkler StandPipe No Branding	TCS6025F TCS6025F-SP TCS6025F-NB

Dimensions



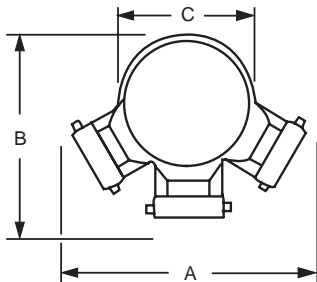
Size	A	B	C
4" x 2½" x 2½" x 2½"	13¾"	10½"	5"
6" x 2½" x 2½" x 2½"	13¾"	10½"	7½"

bottom outlet



Outlet Female NPT Thread	(3) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
4"	2½"	AutoSprinkler No Branding	90TCS4025F 90TCS4025F-NB
6"	2½"	AutoSprinkler No Branding	90TCS6025F 90TCS6025F-NB

Dimensions



Size	A	B	C
4" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"
6" x 2½" x 2½" x 2½"	14½"	11½"	7⅝"

- special threads, branding and finishes are available, consult Dixon® for information
- replacement swivels can be ordered on page 792

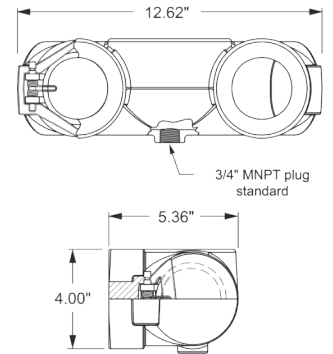
Reversible Concealed Angle Siamese Body



Fire Fittings & Accessories

Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- UL listed
- approved by New York City Board of Standards and Appeals
- maximum operating pressure: **250 PSI at 70°F (21°C)**
- bodies require wall plate **WP2** see page 814



Outlet Female NPT Thread	(2) Inlets Female NPT Thread	Brass Part #
4"	2½"	4025REV90
4"	3"	4030REV90

Reversible Concealed Angle Siamese Body

Features:

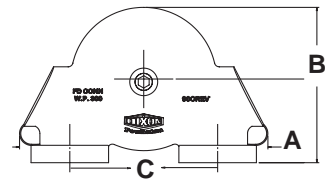
- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- replaces 23-391 bodies
- maximum operating pressure: **250 PSI at 70°F (21°C)**



Outlet Female NPT Thread	(2) Inlets Female NPT Thread	Brass Part #
5"	2½"	90CREV5025
5"	3"	90CREV5030
6"	2½"	90CREV6025
6"	3"	90CREV6030

Dimensions

Size	A	B	C
5" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "
6" x 2½" x 2½"	12"	7¼"	7 ⁵ / ₈ "
6" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "





Concealed Two - Way Wall Hydrant Body

Features:

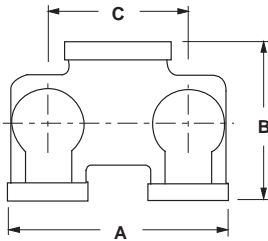
- provides 500 GPM minimums at 250 GPM per inlet (ref NFPA 14)
- drop clappers provide unobstructed waterway
- flush design is desirable when appearance is a factor
- UL listed
- double clapper
- 7⁵/₈" center-line
- bodies require wall plate **WP2** (24-385), see page 814



back outlet

Outlet Female NPT Thread	(2) Inlets Female NPT Thread	Brass Part #
4"	2½"	CDMHCB40225
4"	3"	CDMHCB40230
5"	3"	CDMHCB50230
6"	2½"	CDMHCB60225
6"	3"	CDMHCB60230

Dimensions



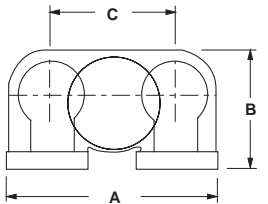
Size	A	B	C
4" x 2½" x 2½"	11-1/8"	6"	7 ⁵ / ₈ "
4" x 3" x 3"	12-1/4"	8-1/8"	7 ⁵ / ₈ "
5" x 3" x 3"	11-13/16"	7-5/16"	7 ⁵ / ₈ "
6" x 2½" x 2½"	11-1/8"	7-3/8"	7 ⁵ / ₈ "
6" x 3" x 3"	12-1/4"	8-1/4"	7 ⁵ / ₈ "

bottom outlet



Outlet Female NPT Thread	(2) Inlets Female NPT Thread	Brass Part #
5"	3"	90CDMHCB50230
6"	2½"	90CDMHCB60225
6"	3"	90CDMHCB60230

Dimensions



Size	A	B	C
5" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "
6" x 2½" x 2½"	12"	7¼"	7 ⁵ / ₈ "
6" x 3" x 3"	12"	9½"	7 ⁵ / ₈ "

Spring Check Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other configurations are also available, consult Dixon® for information
- maximum operating pressure: **175 PSI at 70°F (21°C)**

female outlet

Features:

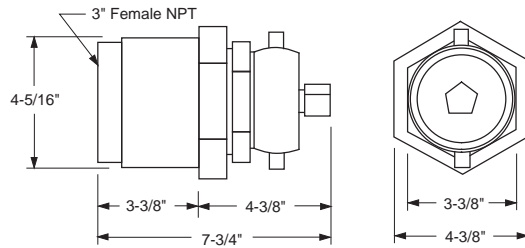
- female NPT rigid with hexagon by female hose thread to swivel
- connections are attached to the bodies with pipe nipples (not included)

Outlet Female NPT Thread	Inlet Female NST (NH) Thread	Cast Brass Part #
3"	2½"	CSSTF25F30T-P
3"	2½"	CSSTF25F30T-C
3"	3"	CSSTF30F30T-P



polished chrome plated

Dimensions



male outlet

Features:

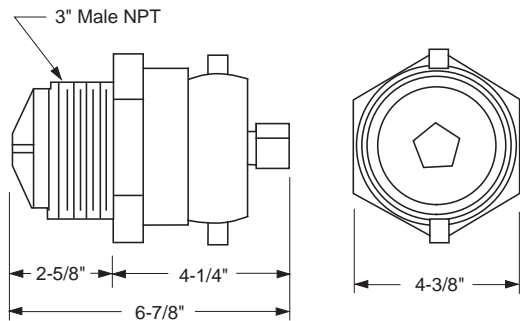
- finishes: -P polished, -C polished chrome plated
- male NPT x 2½" female hose thread to swivel
- used when a direct connection to bodies is desired

Outlet Male NPT Thread	Inlet Female NST (NH) Thread	Cast Brass Part #
3"	2½"	CSSTM25F30T-P
	2½"	CSSTM25F30T-C
	3"	CSSTM30F30T-P
	3"	CSSTM30F30T-C



polished

Dimensions



- Under no circumstances should a check snoot be installed directly into a pipe, as this may prevent the snoot from opening. Install directly into the appropriate standpipe body only.





Clapper Type Snoots - Pin Lug

Features:

- finishes: -P polished, -C polished chrome plated
- other sizes and threads are available, consult Dixon® for information



polished chrome plated



polished

Outlet Female NPT Thread	Inlet Female NST (NH) Thread	Cast Brass Part #
3"	2½"	CSCTF25F30T-P
3"	2½"	CSCTF25F30T-C

Outlet Male NPT	Inlet Female NST (NH)	Cast Brass Part #
3"	2½"	CSCTM25F30T-P
3"	2½"	CSCTM25F30T-C

Wall Plate for Double Clapper Siamese Assemblies

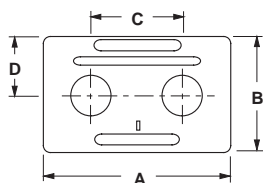
Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon® for information



Hole Size	Branding	Brass Part #
3⅝"	AutoSprinkler AutoSprinkler	WP2HAS-P WP2HAS-C
	StandPipe StandPipe	WP2HSP-P WP2HSP-C
	AutoSprinkler StandPipe Combo AutoSprinkler StandPipe Combo	WP2H-ASSP-P WP2H-ASSP-C
	Hydrant	WP2H-HY-P
	PumpTest PumpTest	WP2H-PT-P WP2H-PT-C

Dimensions



Hole Size	A	B	C	D
3⅝"	14"	8"	7⅞"	4-15/16"

Wall Plate for Concealed Three Way Bodies

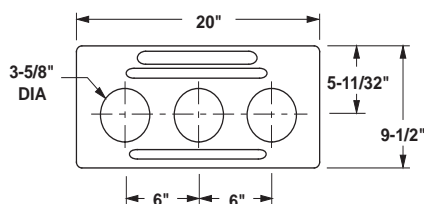
Features:

- finishes: -P polished, -C polished chrome plated
- 4-hole and 6-hole wall plates available, consult Dixon® for information



Hole Size	Positioned	Branding	Brass Part #
3⅝"	Horizontal	AutoSprinkler	WP3HAS-P
	Horizontal	AutoSprinkler	WP3HAS-C
	Horizontal	StandPipe	WP3HSP-P
	Horizontal	StandPipe	WP3HSP-C

Dimensions



Double Clapper Concealed Type Siamese Assemblies   

Features:

- fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections
- branded: 'standpipe', 'auto-sprkr', 'auto-sprkr.-standpipe'
- finishes: -P polished or -C polished chrome plated
- maximum operating pressure: **250 PSI**
- complete unit consisting of the following six parts: (1) 4025REV90, or 4030REV90, or 90CREV6025, (1) 24-385 plate, (2) 23-270 double female connections, (2) 17-127 plugs with chains

Outlet Female NPT Thread	(2) Inlets Female NST (NH) Thread	Branding	Cast Brass Part #
4"	2½"	AutoSprinkler	2WCA4025F-P
4"	2½"	StandPipe	2WCA4025F-SP-P
4"	2½"	AutoSprinkler	2WCA4025F-C
4"	2½"	StandPipe	2WCA4025F-SP-C
4"	3"	AutoSprinkler	2WCA4030F-P
6"	2½"	AutoSprinkler	2WCA6025F-P
6"	2½"	StandPipe	2WCA6025F-SP-P
6"	2½"	AutoSprinkler	2WCA6025F-C
6"	2½"	StandPipe	2WCA6025F-SP-C

- other branding and finishes are also available, consult Dixon® for information



Fire Fittings & Accessories

Two Way Sidewalk Siamese Assemblies   

Features:

- UL listed, FM approved
- finishes: -P polished or -C polished chrome plated
- complete unit consists of: (1) 21-133 90° Siamese body, double clapper, (2) 17-127 pin lug plugs with chains, (1) 23-404 sleeve, (1) 24-405 escutcheon plate

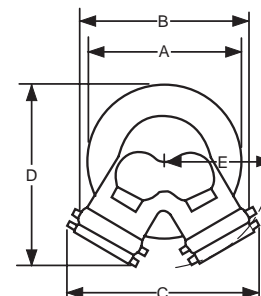
Outlet Female NPT Thread	(2) Inlets Female Thread	Cast Brass Part #
4"	2½"	2WSA4025F
4"	2½"	2WSA4025F-SP
6"	2½"	2WSA6025F
6"	2½"	2WSA6025F-SP



Dimensions

Size	A	B	C	E	F
4" x 2½" x 2½"	9¼"	10⅝"	10¾"	10⅝"	6⅝"
6" x 2½" x 2½"	11¼"	10½"	11¾"	13"	7¼"

Note: some components UL listed/FM approved, not entire assembly



Single Inlet Residential Sprinkler Connection



Application:

- complete single inlet connection (exposed type) used on residential automatic sprinkler systems

Features:

- complete unit consists of: (1) 17-127 1½" pin lug plug with chain and (1) 24-209 4-7/16" OD round escutcheon plate with swivel

Inlet Female NST (NH) Thread	Outlet Female NPT Thread	Cast Brass Part #
1½"	1½"	RIC150F

Single Inlet Connections

Features:

- provides a complete exposed single inlet connection
- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded Auto Sprinkler, (1) 23-270 double female or 09-215 male and female connection, (1) 17-127 pin lug plug with chain
- rigid hexagon end of either connection is 2½" NPT
- swivel end



Inlet Female NST (NH) Thread	Outlet Female NPT Thread	Brass Part #
2½"	2½"	SIC250F
2½"	2½"	SIC250F-P
2½"	2½"	SIC250F-C

Single Hydrant Connection

Features:

- finish: -P polished or -C polished chrome plated
- complete unit consists of: (1) 24-209 round plate branded 'Wall Hydrant', (1) 23-272: 2½" female and male connection, (1) 17-126 cap with chain



Inlet Female NPT Thread	Outlet Male NST (NH) Thread	Cast Brass Part #
2½"	2½"	MOCA250F

Exposed Two Way Wall Hydrants

Features:

- finish: -P polished or -C polished chrome plated
- DMOCA40225F consists of: (1) REP400HY round plate branded 'Wall Hydrant', (1) FRC4025F: 2½" female and male connection, (2) FC250F cap with chain
- DMOCA60225F consists of: (1) REP600HY round plate branded 'Wall Hydrant', (1) FRC6025F: 2½" female and male connection, (2) FC250F cap with chain



Inlet Female NPT Thread	(2) Outlets Male NST (NH) Thread	Cast Brass Part #
4"	2½"	DMOCA40225F
6"	2½"	DMOCA60225F

Round **Identification Plates**

Features:

- used to trim out and identify exposed fire department connections
- for Siamese, made in 9¼" diameter for 4" pipe and 11¼" diameter for 6" pipe
- finishes: -P polished, -C polished chrome plated

Pipe Size	Branding	Cast Brass Part #
2½"	Auto-Sprinkler	REP250AS
	Auto-Sprinkler	REP250AS-P
	Auto-Sprinkler	REP250AS-C
	Wall Hydrant	REP250HY
	Pump Test	REP250PT
	Standpipe	REP250SP
	Standpipe	REP250SP-P
	Standpipe	REP250SP-C
	4"	Auto-Sprinkler
Auto-Sprinkler		REP400AS
Auto-Sprinkler		REP400AS-P
Auto-Sprinkler		REP400AS-C
Wall Hydrant		REP400HY
Standpipe		REP400SP
Standpipe		REP400SP-P
Standpipe		REP400SP-C
Auto-Sprinkler & Standpipe		REP400AS/SP
6"	Auto-Sprinkler	REP600AS
	Auto-Sprinkler	REP600AS-P
	Auto-Sprinkler	REP600AS-C
	Standpipe	REP600SP
	Standpipe	REP600SP-P
	Standpipe	REP600SP-C

¹ aluminum

Dimensions

Size	OD	Hole Size
2½"	7 ⁵ / ₈ "	3¼"
4"	9¼"	4 ⁵ / ₈ "
6"	11¼"	6 ³ / ₄ "



REP250AS-C



REP250AS-P



REP400AS



British Instantaneous Fittings

Features:

- polished finish
- meets BS336 specifications

Fire Fittings & Accessories

Female x female threads



Female BRIT Thread	Female Thread	Brass Part #
2½"	2½" NST (NH) 2½" NPT	BID250F BID250T

Female x male threads



Female BRIT Thread	Male Thread	Brass Part #
2½"	2½" NST (NH) 2½" NPT	BIB250F BIB250T

Male x female threads



Male BRIT Thread	Female Thread	Brass Part #
2½"	2½" NST (NH) 2½" NPT	BIA250F BIA250T

Male x male threads



Male BRIT Thread	Male Thread	Brass Part #
2½"	2½" NST (NH) 2½" NPT	BIF250F BIF250T

British Instantaneous Fittings

Hose Shanks

Size	Brass Part #
2½" male BRIT x 1½" hose shank	BIE150
2½" male BRIT x 2½" hose shank	BIE250
2½" female BRIT x 1½" hose shank	BIC150
2½" female BRIT x 2½" hose shank	BIC250



BIE150



BIC150

Fire Fittings & Accessories

Plug

Size	Brass Part #
2½"	BIDP250

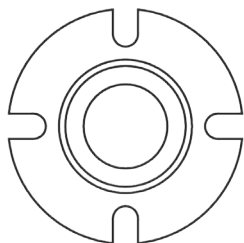


Cap

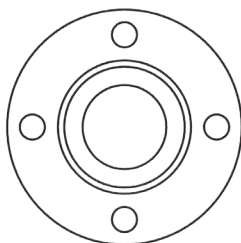
Size	Brass Part #
2½"	BIDC250



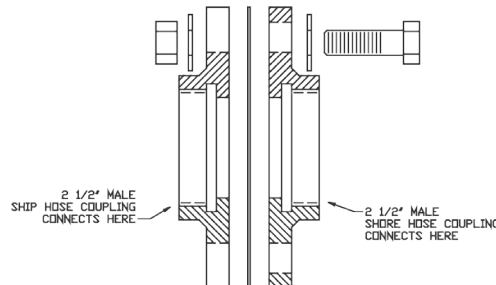
International Shore Connections



ship connection
09-319



shore connection
09-318



Features:

- meets US Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4¾" holes
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**
- NST (NH) threads standard, also available in NPT and NYFD threads

Description	Brass Part #
shore side	09-318-00001
ship side	09-319-00001



shore side



ship side

Pick Head Fire Axe



Features:

- red trim
- 36" hickory handle
- listed in the minimum requirements approval guides for outfitting hose houses and hose cabinets by insurance underwriters

Description	Part #
6 lb. axe	PHFA6
axe brackets	PHFA-B-A



Sprinkler Line Tester



Feature:

- installs on the last sprinkler head on system branch lines and controls water flow for flushing or testing the system

Inlet	Outlet	Brass Part #
1" female NPT	1" male NPSH	SLT10050

Domestic Cast Angle Valves



Features:

- UL listed and FM approved
- aluminum hand wheel
- working pressure: **300 PSI at 70°F (21°C)**

Female x Male

Inlet Female NPT	Outlet Male Thread	Cast Brass Part #
1½"	1½" NST (NH)	AV150
	1½" NPSH	AV150S
	1½" NPT	AV150T
2½"	2½" NST (NH)	AV250
	2½" NYFD	AV250NYFD¹



¹ supplied with red hand wheel

Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	AVF150
2½"	2½"	AVF250

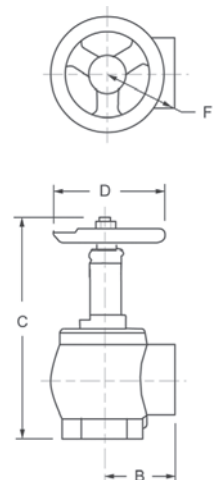


Replacement Parts

Description	Part #
aluminum handwheel for 1½" valve	AV150-W
aluminum handwheel for 2½" valve	AV250-W
handwheel nut for 1½" valve	AV150-N
handwheel nut for 2½" valve	AV250-N
valve seal rubber for 1½" valve	AV150-RBR
valve seal rubber for 2½" valve	AV250-RBR

Dimensions

Size	A	B	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6⅝"	7-21/32"	3¾"	2-13/16"
2½"	3-3/16"	3-3/16"	9¼"	11"	5"	3-19/32"





Grooved Angle Valves

Application:

- commercial fire protection

Features:

- made in the USA
- easy for contractor to install
- groove inlet
- Buna-N gasket
- working pressure: **300 PSI at 70°F (21°C)**
- UL listed, FM approved, ULC approved

Description	Cast Brass Part #
groove x male	AVG250F
groove x groove	AVG250G
groove x female	AVGF250



500# Angle Hose Valves

Applications:

- fire department, gravity and pressure tank connections, test connections, and public water supplies to sprinkler and standpipe systems where it is necessary to access the system for a fire hose connection

Features:

- designed and approved to manage 500 PSI pressures in piping systems
- red handwheel
- FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: **500 PSI at 70°F (21°C)**

Female x Male



Inlet Female NPT	Outlet Male Thread	Cast Brass Part #
2½"	2½" NST (NH)	AV5-250F
2½"	2½" NYFD	AV5-250NYFD

Female x Female



Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
2½"	2½"	AVF5-250



Features:

- NPT inlet thread only
- aluminum handwheel
- working pressure: **300 PSI at 70°F (21°C)**
- UL listed and FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finishes:
 - cast (standard)
 - polished: -P
 - chrome: -C
- minimum quantity for special thread, consult Dixon®

Female Inlet

Inlet Female NPT	Outlet Male Thread	Cast Yellow DZR Brass Part #
1½"	1½" male NST (NH)	AV150-I
2½"	2½" male NST (NH)	AV250-I
2½"	2½" MNYFD	AV250NYFD-I



Double Female

Features:

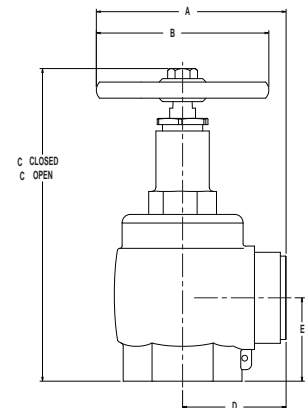
- NPT inlet and outlet
- aluminum handwheel
- working pressure: **300 PSI at 70°F (21°C)**
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- available finish:
 - cast (standard)
 - polished = -P
 - chrome = -C

Inlet Female NPT	Outlet Female NPT	Cast Yellow DZR Brass Part #
1½"	1½"	AVF150-I
2½"	2½"	AVF250-I



Dimensions

Size	A	B	C closed	C open	D	E	Wt. in Lbs.
1½"	4.13"	3.75"	6.80"	7.78"	2.25"	1.81"	4.4
2½"	5.69"	5.00"	9.00"	10.72"	3.19"	2.59"	9.5





Global Forged Angle Hose Valves

Features:

- to be used with a fire hose rack assembly, or as a fire department outlet connection
- UL listed and FM approved
- red steel handwheel
- maximum operating pressure: **300 PSI at 70°F (21°C)**
- polished or chrome plated parts with other outlet threads are also available, consult Dixon® for information

Female x Male



Inlet Female NPT	Outlet Male Thread	Forged Brass Part #
1½"	1½" NST (NH)	AV151
2½"	2½" NST (NH)	AV251
	2½" NYC	AV251NYC
	2½" NYFD	AV251NYFD

Female x Female



Inlet Female NPT	Outlet Female NPT	Forged Brass Part #
1½"	1½"	AVF151
2½"	2½"	AVF251

Replacement Parts



Description	Part #
handwheel for 1½" valve	AV151-WR
handwheel for 2½" valve	AV251-WR
handwheel nut for 1½" and 2½" valve	AV251-N
valve seal rubber for 1½" valve	AV151-RBR
valve seal rubber for 2½" valve	AV251-RBR

Non-rising Stem Wedge Disc Gate Valves



Features:

- red iron handwheel, with brass cap and chain
- cap not included on the NYFD threaded valve and special threaded valves
- solid wedge disc with tapered seats
- 2½" UL listed and FM approved
- FM approved
- working pressure: **300 PSI at 70°F (21°C)**
- other configurations are available, contact Dixon® for additional information

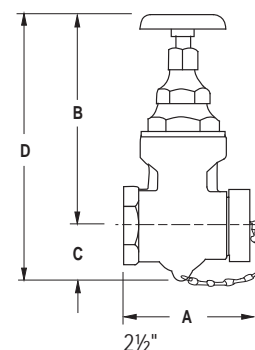
Inlet Female NPT	Outlet Male Thread	UL Listed	Cast Brass Part #
1½"	1½" NST (NH)	no	WDGV150F
2½"	2½" NST (NH)	yes	WDGV250F
2½"	2½" NYFD	yes	WDGV250NYFD



Fire Fittings & Accessories

Dimensions

Size	A	B	C	D
1½"	3-49/64"	5⅝"	1⅞"	6⅞"
2½"	6"	10¾"	2½"	13¼"



Global Non-rising Stem Wedge Disc Gate Valves



Features:

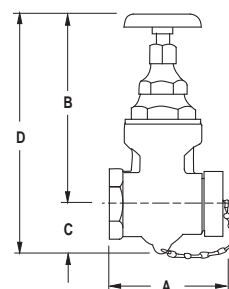
- working pressure: **300 PSI (2069 kPa)**
- custom male thread available
- UL listed and FM approved
- non-rising stem
- cast brass with solid wedge disc and tapered seats
- red iron wheel handle with cap and chain (cap not supplied on non-standard threads)
- alloy = DZR brass
- furnished with 2½" NST brass cap and chain
- available finishes:
 - cast (standard)
 - polished trim - P
 - cast chrome - RC
 - polished chrome trim - C

Inlet Female NPT	Outlet Male NST	UL Listed	Cast DZR Brass Part #
2½"	2½"	yes	GWDGV250F



Dimensions

Size	A	B	C	D
2½"	5"	7¾"	2½"	10"





Non-rising Stem Wedge Disc Gate Valves



Applications:

- for use on standpipes, fire pumps and hydrants

Features:

- satin finish
- red handwheel
- solid wedge disc with tapered seats
- straightway pattern
- UL listed and FM approved
- working pressure: **300 PSI at 70°F (21°C)**

Inlet Female NPT	Outlet Male NST (NH)	Forged Brass Part #
2½"	2½"	WDGV251F
3"	2½"	WDGV3025F

Rising Stem Wedge Disc Gate Valves



Features:

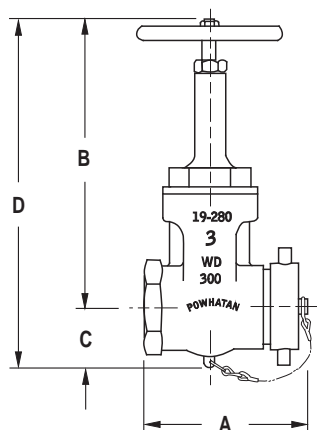
- red iron handwheel, with brass cap and chain
- solid wedge disc with tapered seats
- not recommended for wet standpipe systems, use AV250 (18-157) for this purpose, see page 821
- other configurations are available, contact Dixon® for additional information



Inlet Female NPT	Outlet Male	Working Pressure PSI	Cast Brass Part #
2½"	2½" NST (NH)	200	RWDGV250F
3"	2½" NST (NH)	300	RWDGV3025F¹

¹ UL listed

Dimensions



Size	A	B closed	C	D closed	D open
2½"	6½"	11	2½"	13½"	16¼"
3" x 2½"	6-3/16"	11	2½"	13½"	16¼"



Single Hydrant Gate Valves with Hand Wheel

Application:

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- O-ring seal
- UL listed
- for use on standpipes and fire pumps where UL listing is required
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- other configurations are available, contact Dixon® for additional information

Inlet Female	Outlet Male	Cast Red Brass Part #
2½" NST (NH)	2½" NST (NH)	UHGV250F
2½" NST (NH)	2½" NST (NH)	UHGV250F-D



Fire Fittings & Accessories

Replacement Part

Description	Part #
handwheel	UHGV250-W



Single Hydrant Gate Valves with Speed Handle

Application:

- used to throttle the flow from a fire hydrant preventing damage to the hydrant

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- rubber seal
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- other configurations are available, contact Dixon® for additional information

Inlet Female	Outlet Male	Cast Red Brass Part #
2½" NST (NH)	2½" NST (NH)	HGV250F
2½" NST (NH)	2½" NST (NH)	HGV250F-D
2½" NST (NH)	2½" NPSH	HGV250



Replacement Part

Description	Aluminum Part #
speed handle	HGV250-H





Single Hydrant Gate Valves with Handwheel

Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, red handwheel
- metal to metal seal
- UL listed
- for use on hydrants, standpipes, and fire pumps
- maximum operating pressure: **300 PSI** (water only) at **70°F (21°C)**



Inlet Female	Outlet Male	Forged Brass Part #
2½" NST (NH)	2½" NST (NH)	HGVW250F

Replacement Part



Description	Part #
handwheel	HGVW250-W

Hydrant Gate Valves with Speed Handle

Features:

- protects fire hydrants from damage that can occur if they are used for throttling
- full 2½" waterway
- anodized throughout - minimum thickness 0.001"
- test pressure: **250 PSI**, working pressure: **100 PSI** at **70°F (21°C)**



Inlet Female Swivel	Outlet Male	Aluminum Alloy, 356-T6 Part #
2½" NPSH	2½" NPSH	AHGV250
2½" NST (NH)	2½" NST (NH)	AHGV250F

Replacement Part



handwheel and knob

Description	Part #
handwheel and knob	HGV-HDWHL
knob only	HGV-KNOB

Global Hydrant Gate Valves with Speed Handle

Application:

- protects fire hydrants from damage that can occur if they are used for throttling

Features:

- pin lug swivel, non-rising stem, aluminum speed handle
- non-metallic seal
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**



Inlet Female NST (NH)	Outlet Male NST (NH)	Aluminum Alloy Part #
2½"	2½"	AHGV250F-I

Replacement Part



Description	Aluminum Part #
speed handle	AHGV250F-H

Large Diameter (LDH) Gate Valves

Application:

- used on the suction intake and discharge sides of a pumper or on a hydrant

Features:

- 30° elbow needs only 8 easy turns to open and close
- non-rising stem, with an air bleed off
- finish anodized throughout - minimum thickness 0.001"
- maximum operating pressure: **280 PSI at 70°F (21°C)**, without relief valve
- 4½" minimum waterway

Storz x Storz

Inlet Storz	Outlet Storz	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	9"	6¼"	19½"	SGV440
4"	5"	9"	7¾"	19½"	SGV450
5"	4"	9"	7¾"	19½"	SGV540
5"	5"	9"	7¾"	19½"	SGV550

- all measurements include handles



Storz x Storz 30° with Air Bleeder

Inlet Storz	Outlet Storz	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	9"	6¼"	20.0"	SGV30-440
4"	5"	9"	7¾"	20.0"	SGV30-450
5"	4"	9"	7¾"	20.0"	SGV30-540
5"	5"	9"	7¾"	20.0"	SGV30-550

- all measurements include handles



Storz x Female Swivel

Inlet Storz	Outlet Female NST Swivel	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	9"	6"	19½"	FSGV440F
	4½"	9"	6½"	19½"	FSGV445F
	5"	9"	7"	19½"	FSGV450F
	6"	9"	8"	19½"	FSGV460F
5"	4"	9"	6"	19½"	FSGV540F
	4½"	9"	6½"	19½"	FSGV545F
	5"	9"	7"	19½"	FSGV550F
	6"	9"	8"	19½"	FSGV560F

- all measurements include handles



Wharf Hydrants



Features:

- used to provide a fire department outlet connection
- pentagon nut at top of spindle discourages unauthorized use
- hydrostatically tested
- maximum operating pressure: **300 PSI at 70°F (21°C)**

Inlet Female NPT	Outlet Male NST (NH)	Height Open	Height Closed	Cast Brass Part #
3"	2½"	16.38	14.25	WHYD3025F
4"	2½"	16.38	14.25	WHYD4025F
4"	4½"	18.13	15.63	WHYD4045F

Replacement Parts



hand wheel



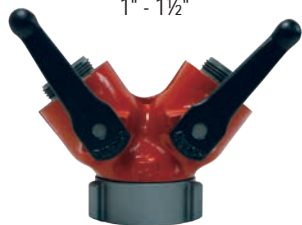
pentagon hex nut

Description	Part #
optional hand wheel	46-030-00025
pentagon hex nut	44-251-00006

Forestry Grade ¼ Turn Ball Type Wye Valves



1" - 1½"



2½"

Features:

- cast aluminum swivel inlet, anodized body, hard-coated threads
- built to US Forest Service specifications
- 1" and 1½" for use up to **600 PSI** (water/AFFF only); 2½" for use up to **400 PSI** (water/AFFF only)

Female Thread	(2) Male Threads	Cast Aluminum Part #
1" NPSH	1" NPSH	FWV10S10S
1½" NPSH	1½" NPSH	FWV15S15S
1½" NST (NH)	1½" NST (NH)	FWV15F15F
2½" NST (NH)	1½" NST (NH)	FWV25F15F
2½" NST (NH)	2½" NST (NH)	FWV25F25F

¼ Turn Ball Type Wye Valve

Features:

- rocker lug swivel
- operates easily under high pressure
- handles are not field replaceable
- seals on the ball are field adjustable and field replaceable
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**

Specification:

- meets NSN specifications # 4210-00-255-0234

Inlet Female	(2) Outlets Male	Cast Brass Part #
2½" NST (NH)	1½" NPSH	S7337S



Full Flow ¼ Turn Ball Type Wye Valves

Features:

- recommended for charged pre-connected hose lines
- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- other configurations are available, contact Dixon® for additional information

Inlet Female Swivel	(2) Outlets Male	Cast Brass Part #
1½" NPSH	1½" NPSH	S7100-15S
1½" NST (NH)	1½" NST (NH)	S7100-15
2½" NST (NH)	1½" NST (NH)	S7100



Leader Line ¼ Turn Ball Type Wye Valve

Features:


- body painted red with chrome trim
- maximum operating pressure: **400 PSI** (water only) at **70°F (21°C)**

Inlet Female NST (NH)	(2) Outlets Male NST (NH)	Brass Part #
2½"	1½"	LLBV2515F

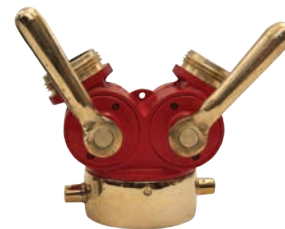


¼ Turn Plug Type Wye Valves

Features:

- pin lug swivel
- maximum operating pressure: **175 PSI** (water only) at **70°F (21°C)**
- not recommended for charged pre-connected hose 

Inlet Female NST (NH)	(2) Outlets Male	Cast Brass Part #
2½"	1½" NST (NH)	S6175
2½"	1½" NPSH	S6175S



2-Way Ball Valves

Fire Fittings & Accessories



1/2"



2 1/2"



3" - 6"

Inlet Female Swivel	(2) Outlet Male	Aluminum Part #
1 1/2" NST (NH)	1 1/2" NST (NH)	FMBV15F15F
1 1/2" NPSH	1 1/2" NPSH	FMBV15S15S
2 1/2" NST (NH)	1 1/2" NST (NH)	FMBV25F15F
2 1/2" NST (NH)	2 1/2" NST (NH)	FMBV25F25F
4" NST (NH)	2 1/2" NST (NH)	FMBV40F25F
4 1/2" NST (NH)	2 1/2" NST (NH)	FMBV45F25F

Plain Wyes with Pin Lugs

Features:

- divides one stream into two
- other configurations are available, contact Dixon® for additional information



Inlet Female	(2) Outlets Male	Cast Brass Part #
1 1/2" NST (NH)	1 1/2" NST (NH)	PW15F15F
1 1/2" NPSH	1 1/2" NPSH	PW15S15S
2 1/2" NST (NH)	1 1/2" NST (NH)	PW25F15F
2 1/2" NST (NH)	2 1/2" NST (NH)	PW25F25F

Straight Globe Valves

Features:

- ideal for wet and combination systems
- used with a fire hose rack assembly, or as a fire department outlet connection
- aluminum handwheel
- maximum operating pressure: **300 PSI at 70°F (21°C)**

Female x Male

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	SGV150F
2½"	2½"	SGV250F



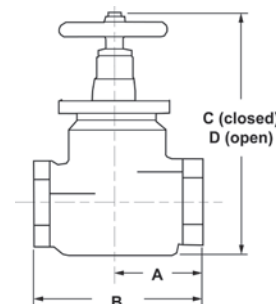
Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	SGVF150
2½"	2½"	SGVF250



Dimensions

Size	A	B	C closed	D open
1½"	2¾"	4¾"	7¼"	8"
2½"	3-9/32"	6-9/16"	7¾"	8⅝"

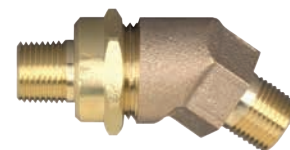


Angled Ball Drip Valves

Features:

- seals automatically under pressure
- installed horizontally, the ball seats at approximately **8-10 PSI**
- working pressure: **175 PSI at 70°F (21°C)**

Male NPT	Male NPT	Brass Part #
½"	½"	ASBDV50
¾"	¾"	ASBDV75



Straight Ball Drip Valves

Application:

- designed to drain the low point of a system

Features:

- place valve between a fire department connection and a swing check valve
- seals automatically under pressure
- install horizontally
- working pressure: **175 PSI at 70°F (21°C)**


Male NPT	Male NPT	Brass Part #
½"	½"	SBDV50
¾"	¾"	SBDV75





Factory Set Pressure Reducing Brass Angle Valves

Features:

- true combination shut-off and pressure reducing valves
- 1½" reduces inlet pressure of 300 PSI (2069 kPa) or less to working pressures of **10** through **175 PSI** (69-1207 kPa); 2½" reduces inlet pressures of 400 PSI (2758 kPa) or less to working pressures of **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- female x female valves have an open / closed indicator bonnet for confirmation of status
- tamper resistant and automatic
- available with a tamper proof switch
- all debris must be flushed from the system prior to being placed into service 
- complete switch, bracket and housing available for field mounting, consult Dixon® for price and availability
- other configurations are available, contact Dixon® for additional information

Specifications:

- UL listed for Automatic Sprinkler Systems as floor or zone control valves
- Standpipe Systems, Class I, II and III
- Automatic Check Valve for Dual Riser Systems
- Approved by New York City Board of Standards and Appeals, approval # MEA 54-07-E
- Approved by City of Los Angeles and the City of San Francisco (ULC 2½")



Female x Male

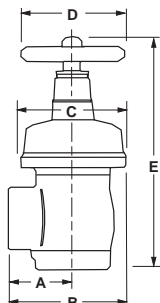
Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	NAPRAV150F-15 NAPRAV150F-20 NAPRAV150F-25 NAPRAV150F-30 NAPRAV150F-35
2½"	2½"	NAPRAV250F-55 NAPRAV250F-60 NAPRAV250F-65 NAPRAV250F-70 NAPRAV250F-75 NAPRAV250F-80



Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	NAPRAVF150-15 NAPRAVF150-20 NAPRAVF150-25 NAPRAVF150-30 NAPRAVF150-50
2½"	2½"	NAPRAVF250-55 NAPRAVF250-60 NAPRAVF250-65 NAPRAVF250-70 NAPRAVF250-75 NAPRAVF250-80

Dimensions



Size	A	B	C	D	E closed	E open
1½"	2-7/32"	4-5/32"	3 7/8"	3 3/4"	9-25/64"	8-53/64"
2½"	3-7/32"	6-3/32"	5 3/4"	5 3/4"	11 1/8"	10-13/16"

Factory Set Pressure Reducing Brass Standard Globe Valve



Fire Fittings & Accessories

Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
2½"	2½"	NAPRVF250-55 NAPRVF250-60 NAPRVF250-65 NAPRVF250-70 NAPRVF250-75 NAPRVF250-80



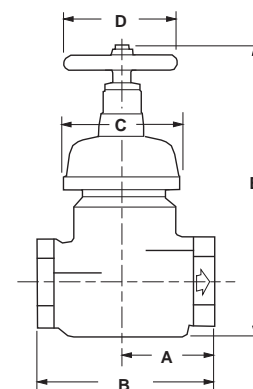
Grooved x Grooved

Inlet Grooved	Outlet Grooved	Cast Brass Part #
2½"	2½"	NAPRVGT250-55 NAPRVGT250-60 NAPRVGT250-65 NAPRVGT250-70 NAPRVGT250-75



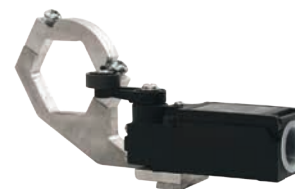
Dimensions

Size	Style	A	B	C	D	E closed	E open
2½"	NPT	3⅞"	7¾"	5¾"	5¾"	12¾"	12-13/16"
2½"	grooved	4⅜"	8¾"	5¾"	5¾"	12¾"	12-13/16"



Accessories

Description	Part #
2½" tamper switch bracket kit (bonnet, nut, switch, bracket)	4201901587
switch bracket only	18-458-00017
replacement handles for 1½" valves	AV150-W
replacement handles for 2½" valves	46-030-00025





Factory Set Pressure Reducing (regulating) Valves

Features:

- (4) drilled and tapped bosses:
 - two on each side for upstream and downstream pressure monitoring
 - saves installation time and provides a cleaner appearance
- 2½" size reduces inlet pressures of **400 PSI** (2758 kPa) or less to desired working pressures from **20** through **175 PSI** (138-1207 kPa) under discharge or static conditions
- UL listed
- tamper switch available

Angle Grooved x Grooved



Inlet Grooved	Outlet Grooved	Cast Brass Part #
2½"	2½"	NAPRAVGT250-55 NAPRAVGT250-60 NAPRAVGT250-65 NAPRAVGT250-70 NAPRAVGT250-75 NAPRAVGT250-80 NAPRAVGT250-85 NAPRAVGT250-95

Angle Grooved x Female



Inlet Grooved	Outlet Female NPT	Cast Brass Part #
2½"	2½"	NAPRAVGF250-55 NAPRAVGF250-60 NAPRAVGF250-65 NAPRAVGF250-70 NAPRAVGF250-75 NAPRAVGF250-80 NAPRAVGF250-85 NAPRAVGF250-95

Globe Female x Female



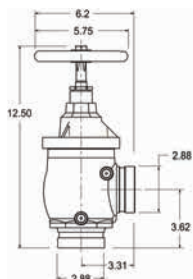
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
2½"	2½"	NAPRVFT250-55 NAPRVFT250-60 NAPRVFT250-65 NAPRVFT250-70 NAPRVFT250-75 NAPRVFT250-80 NAPRVFT250-85

Globe Grooved x Grooved

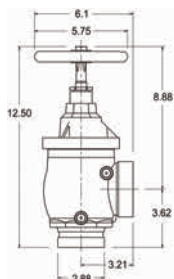


Inlet Grooved	Outlet Grooved	Cast Brass Part #
2½"	2½"	NAPRVGT250-55 NAPRVGT250-60 NAPRVGT250-65 NAPRVGT250-70 NAPRVGT250-75 NAPRVGT250-80 NAPRVGT250-85

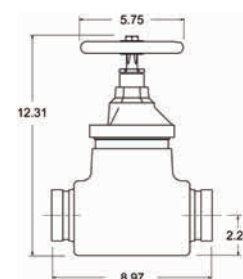
Dimensions



grooved x grooved angle valve



grooved x female angle valve



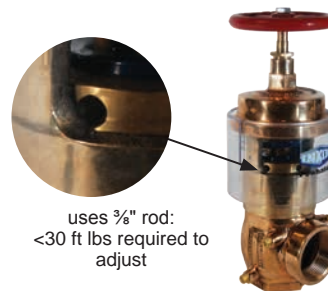
grooved x grooved globe valve

Field Adjustable Pressure Reducing Valves



Features:

- UL listed
- allows flexibility during installation with the ability to adjust settings once installed as hydraulic conditions change
- used in applications where the inlet pressure is greater than **175 PSI**
- ¼" NPT gauge ports - both sides, drilled and tapped standard
- ⅜" adjusting rod included



Angle Valves

Inlet	Outlet	Cast Brass Part #
2½" FNPT	2½" MNST	FAPRAV250F
2½" FNPT	2½" FNPT	FAPRAVF250
2½" groove	2½" MNST	FAPRAVG250F
2½" groove	2½" groove	FAPRAVG250G



Straight Valves

Inlet	Outlet	Cast Brass Part #
2½" groove	2½" groove	FAPRVG250
2½" FNPT	2½" FNPT	FAPRVF250



Replacement Parts

Description	Cast Iron Part #
handwheel	46-030-00025

Setting Instructions:

1. Determine desired outlet pressure for known inlet pressure.
2. Remove the tamper-resistant screw and slide the plastic cover up to access the adjusting nut.
3. Use a ⅜" diameter rod in any one of the 6 holes in the adjusting nut and rotate counter clockwise to increase the pressure at the outlet.
4. Check valve under pressure under static and under the anticipated flowing conditions to ascertain that the setting produces the expected results.



Adjustable Pressure Restricting Devices



Features:

- for installation on Class I or Class III standpipe system hose outlets
- device restricts pressure in the piping system to such a degree that hose lines can be handled by persons untrained in the handling of heavy fire streams
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- 2½" UL listed
- working pressure: **175 PSI at 70°F (21°C)**

Female Thread	Male Thread	Cast Brass Part #
1½" NST (NH)	1½" NST (NH)	APRD150F
2½" NST (NH)	2½" NST (NH)	APRD250F





Domestic Adjustable Pressure Restricting Angle Valves



Application:

- used where flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- can be manually by-passed if required by opening the valve fully, this is accomplished by breaking the breakable link, which allows the valve stem to rise to the full open position
- breakable link also serves as an indication of valve condition and status; if valve is opened without breaking the link it will resume its previous position and no resetting is necessary
- restricts inlet pressure from 70 PSI up to a maximum of 175 PSI
- restricts down to outlet pressures of 65, 80 or 100 PSI, outlet pressures may be set below 65 PSI when authorized by the local authority having jurisdiction
- restricts only under flow conditions
- setting charts are packed with valve
- UL listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- maximum operating pressure: up to **175 PSI**
- aluminum handwheel
- other configurations are available, contact Dixon® for additional information

Female x Male

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	AVAPR150F
2½"	2½"	AVAPR250F

Female x Female

Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	AVAPRF150
2½"	2½"	AVAPRF250



Global Adjustable Pressure Restricting Angle Valves



Application:

- used when flowing water pressure needs to be controlled

Features:

- preset orifices restrict the volume of water thereby lowering the pressure of the flowing water; NFPA requires restricting valves where inlet pressure exceeds 100 PSI
- restricting valve has no effect on the static pressure of a system
- restricting device can be manually by passed if required by opening the valve fully: pull the pin allowing the yoke to fall back from the valve stem which allows valve to be fully opened, when valve needs to be restricted again, slide the yoke back into place to be NFPA compliant

Female x Male

Inlet Female NPT	Outlet Male NST (NH)	Cast Brass Part #
1½"	1½"	AVAPR150F-I
2½"	2½"	AVAPR250F-I

Female x Female

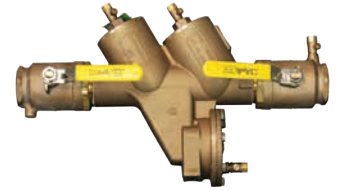
Inlet Female NPT	Outlet Female NPT	Cast Brass Part #
1½"	1½"	AVAPRF150-I
2½"	2½"	AVAPRF250-I

Back Flow Preventer



Features:

- provides maximum protection against backflow caused by back-pressure or back-siphonage from a cross-connection wherein a contaminant hazard exists
- consists of two spring-loaded poppet type check valves and a mechanically independent, hydraulically dependent pressure differential relief valve
- three top mounted test cocks ensure easy access during repair and maintenance
- working pressure: to **175 PSIG**
- temperature range: **33°F to 180°F (.5°C to 82°C)**
- meets Foundation for Cross Connection Control and Hydraulic Research at University of Southern California Manual Section 10, ASSE 1015, AWWA C-510 and CSA B64.4 specifications
- UL listed and FM approved
- create a Fire Hydrant Backflow Preventer by using the **RSMSA25F20T** (page 780) and the **DMH2025F** (page 782)



Fire Fittings & Accessories

NPT Thread	Brass Part #
2"	BFP200

Chicago Pattern Valves

Features:

- aluminum handwheel
- maximum operating pressure: **175 PSI at 70°F (21°C)**



Inlet Male NPT	Outlet Male	Cast Brass Part #
1½"	1½" NST (NH)	CPV150F



Sprinkler Hose Valve



Features:

- aluminum wheel
- UL listed and FM approved for automatic sprinkler and standpipe systems
- working pressure: **175 PSI** (water only) at **70°F (21°C)**

Inlet Male NPT	Outlet Male NST (NH)	Cast Brass Part #
1"	1½"	ASHV1015F

Push Pull Drain Valve

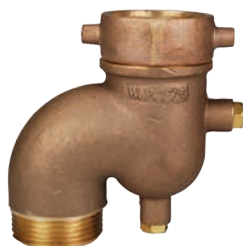


Features:

- direct mount
- 2½" handle length

Inlet	Outlet	Brass Part #
¾" FNPT	¾" FNPT	PPDV75

Automatic Drain Vent Valve



Features:

- attaches to the hose end of a hose rack nipple keeping the hose free of moisture by draining water from a leaky valve; when the valve is opened for use a spring valve closes the drain and directs all water through the hose
- other threads and finishes are available, consult Dixon® for more information

Female NST (NH)	Male NST (NH)	Working Pressure (PSI)	Cast Brass Part #
1½"	1½"	175	ADV150F

Piston Intake Relief Valves

Features:

- standard with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel and air bleed off
- permits safe controlled flow to the intake pump and can also be used to draft
- 9 easy turns open and close the valve
- **280 PSI at 70°F (21°C)**, without relief valve
- 4½" minimum waterway
- finish anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from **50 to 200 PSI**

Storz x Female Swivel

Storz	Female Swivel NST (NH)	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	12"	8"	17"	FSGR440F
	4½"	12"	8"	17"	FSGR445F
	5"	12"	8"	17"	FSGR450F
	6"	12"	8"	17"	FSGR460F
5"	4"	12"	8"	17"	FSGR540F
	5"	12"	8"	17"	FSGR550F
	6"	12"	8"	17"	FSGR560F



Female Swivel x Male

Male NST (NH)	(2)Female NST (NH) Swivel	Length	Width	Height	Aluminum Alloy, 356-T6 Part #
4"	4"	12"	8"	17"	FMGR40F40F
	4½"	12"	8"	17"	FMGR40F45F
	5"	12"	8"	17"	FMGR40F50F
	6"	12"	8"	17"	FMGR40F60F
4½"	4"	12"	8"	17"	FMGR45F40F
	4½"	12"	8"	17"	FMGR45F45F
	5"	12"	8"	17"	FMGR45F50F
	6"	12"	8"	17"	FMGR45F60F
5"	4"	12"	8"	17"	FMGR50F40F
	4½"	12"	8"	17"	FMGR50F45F
	5"	12"	8"	17"	FMGR50F50F
	6"	12"	8"	17"	FMGR50F60F
6"	6"	12"	8"	17"	FMGR60F60F



Replacement Parts

Description	Part #
handwheel and knob	PV-HDWHL
knob only	PV-KNOB



PV-HDWHL

Butterfly Valves

Storz x Female Swivel

Features:

- permits safe controlled flow to the intake pump, can be used for draft situations
- pressure range: **150-300 PSI** working pressure at **70°F (21°C)**
- water way: 4½", 5", and 6" maximum
- materials: body-ASTN A-126 cast iron, wafer-lightweight aluminum cast 356-T6, , seat - Buna
- ¾" push-pull drain valve
- standard 10-position locking style lever
- finish anodized cast aluminum bolt flanges - minimum thickness 0.001"
- lever handle to center valve is 10¼"
- can be used in either direction (e.g. inlet/outlet)



Storz	Female NST (NH) Swivel	Length	Width	Height	Working Pressure (PSI)	ASTN A-126 Cast Iron Part #
4"	4"	9½"	11"	18"	185	SFBTFLY4040F
	4½"	9½"	11"	18"	185	SFBTFLY4045F
	5"	9½"	11"	18"	185	SFBTFLY4050F
	6"	9½"	11"	18"	185	SFBTFLY4060F
5"	4"	9½"	11"	18"	185	SFBTFLY5040F
	4½"	9½"	11"	18"	185	SFBTFLY5045F
	5"	9½"	11"	18"	185	SFBTFLY5050F
	6"	9½"	11"	18"	185	SFBTFLY5060F
6"	6"	9½"	13"	18"	185	SFBTFLY6060F

L/H - Male x Female Swivel

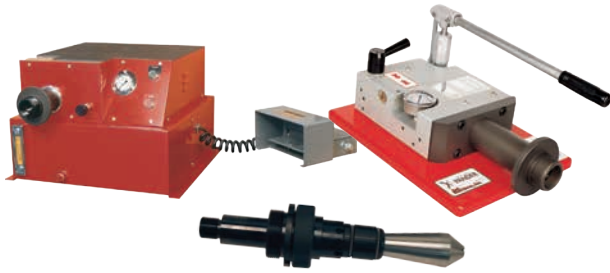
Features:

- permits safe controlled flow to the intake pump, can be used for draft situations
- standard 10 position lever handle
- ¾" push-pull drain valve standard
- pressure range: **150-300 PSI** at **70°F (21°C)**
- water way: 4½", 5", and 6" maximum
- seat: Buna
- finish: anodized cast aluminum bolt flanges (minimum thickness 0.001")
- lever handle to center valve is 10¼", unit can be used in either direction e.g. inlet/outlet



Male NST (NH)	Female NST (NH) Swivel	Length	Width	Height	Working Pressure (PSI)	ASTN A-126 Cast Iron Part #
4"	4"	9½"	11"	18"	200	FMBTFLY40F40F
4"	4½"	9½"	11"	18"	200	FMBTFLY40F45F
4"	6"	9½"	11"	18"	185	FMBTFLY40F60F
4½"	4½"	9½"	11"	18"	185	FMBTFLY45F45F
5"	4½"	9½"	11"	18"	185	FMBTFLY50F45F
5"	5"	9½"	11"	18"	185	FMBTFLY50F50F
5"	6"	9½"	11"	18"	185	FMBTFLY50F60F
6"	6"	9½"	13"	18"	185	FMBTFLY60F60F

Specialty Products



Fire Hose Coupling Machines and Accessories



Low Level Strainer - Floating Strainer



Dry Hydrants



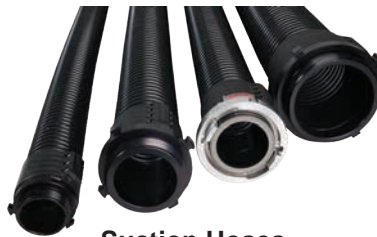
Barrel and Basket Strainers



Booster Hose Installation Kit



Piston Intake Valve



Suction Hoses

Partial Listing of Powder Coating Colors Available for Wrenches

Contact Dixon Fire at 877.712.6179 for more information.

Black	Dark Blue	Medium Blue	Gray	Red	Orange

Mustard	Yellow	Green	Aqua	Plum	Pink

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Ball Nozzles for Bulk Delivery

Features:

- rugged construction, high flow provides rapid fuel oil transfer/delivery
- heavy duty roller ball swivel with low temperature seals freely rotates without leaking at **-40°F (-40°C)** and **100 PSI**
- 3 PSI check valve is included to prevent back flow, 5 PSI is optional

nozzles

Female NPT Inlet	Outlet Type	Anodized Aluminum Part #
1¼"	swivel quick fill nut	BL062
1½"	swivel quick fill nut	BL064
1¼"	1¼" spout	BL066
1½"	1¼" spout	BL068
1½"	1½" spout	BL072
1¼"	1¼" female NPT	BL066NS
1½"	1¼" female NPT	BL068NS
1½"	1½" female NPT	BL072NS
2"	2" spout	BL920



BL062

replacement spouts

Size	Replacement For	Aluminum Part #
1¼"	BL066, BL068	1143A
1½"	BL072, BL919	1125A
2"	BL920	391137



BL072

repair kits

Repair Kits for Ball Nozzles (BL066, BL068, BL072, BL919)

Description	Part #
inlet swivel seal and wear kit	SWMF-RK2
complete inlet swivel rebuild kit	SWMF-RK3
1½" FNPT replacement inlet swivel	SWMF-RK4
1¼" FNPT replacement inlet swivel	SWMF-RK5
1½" BSPP replacement inlet swivel	SWMF-RK6
replacement swivel outlet (BL062, BL064)	BL005
ball valve shaft seal kit	BL-RK4
complete ball nozzle seal kit	BL-RK10
optional check valve 5 PSI spring kit	BL-RK11
standard check valve 3 PSI cartridge kit	BL-RK12



BL072NS

Repair Kits for Super Ball Nozzle (BL920)

inlet swivel grease nipple kit (optional)	SWMF-RK1
inlet swivel seal and wear kit	SWMF-RK22
complete inlet swivel rebuild kit	SWMF-RK32
2" FNPT replacement inlet swivel	SWMF-RK42
1½" FNPT replacement inlet swivel	SWMF-RK52
complete ball nozzle seal kit	BL-RK102
optional check valve 5 PSI spring kit	BL-RK112
standard check valve 3 PSI cartridge kit	BL-RK122
replacement trigger kit	BL-RK13



BL920





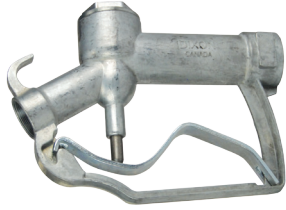
Gravity Utility Nozzles

Application:

- for use with 12 volt pumps and gravity flow fittings in economy fuel dispensing applications

Features:

- manual operation (non-automatic)
- Underwriters Listed
- working pressure: **25 PSI**



900



900W34S



900B

Female NPT Inlet	Outlet Type	Die Cast Zinc Aluminum Part #
1"	1" female UNS	900 ¹
	1" straight spout	900S
	1" bent spout	900B
	¾" straight spout	900W34S
	¾" bent spout	900W34B
¾"	¾" straight spout	900S34 ²
	¾" bent spout	900B34 ²

¹ nozzle body only (no spout)

² ¾" nozzle inlet uses 1" x ¾" reducer bushing, supplied

replacement parts

Description	Part #
¾" replacement straight spout	234-80-4
¾" replacement bent spout	234-80-5
1" replacement straight spout	875-4
1" replacement bent spout	875-5
trigger	900TK
plunger and valve assemblies, cap, O-ring	900SK

Pressure Nozzle for Bulk Delivery

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to **100 GPM**
- easy opening dash pot design with shockless closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger



114DNS

Female NPT Inlet	Outlet Type	GPM @ 10 PSI	Aluminum Part #
1¼"	1¼" female NPT	80	114DNS
	1¼" spout	80	114D
1½"	1½" female NPT	100	112DNS
	1½" spout	100	112D

replacement parts

Description	Part #
aluminum replacement spout for 114D	1143A
aluminum replacement spout for 112D	1125A
main poppet, 2nd poppet, cap O-ring, valve stem	112DSK
blank plate to replace ratchet plate if ratchet not required	114DAL-AV-19
main and secondary poppets, cap O-ring, valve stem assembly and packing, sleeve stem packing and nut	114DSK



114D

Overwing Aircraft Nozzles

Features:

- manual operation (non-automatic) for high pressures and fuel flow up to **60 GPM at 20 PSI**
- easy opening dash pot design with shock-less closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger and plastic guard pad to protect wing
- spout comes with cap, spring cord, fine mesh stainless steel screen filter and screw attachment for grounding cable (cable not supplied)

Female NPT Inlet	Outlet Type	Aluminum Part #
1¼"	1" spout	114DAVR
	1¼" spout	114D-AV
1½"	1¼" spout	114D-AV-06ASM



114D-AV-06ASM

replacement parts

Description	Part #
trigger, bushing, pin and cotter pin	114/2D-TK
main & secondary poppet assemblies, cap	114DAV-SK
O-ring, valve stem assembly	114DAL-AV-25
1" spout assembly	114DAL-AV-16
1¼" spout assembly	114DAL-AV-16

Large Capacity Low Pressure / Gravity Nozzle

Application:

- for low pressure/gravity applications

Features:

- rapid flow due to 1¼" oversize design
- maximum operating pressure: **25 PSI**

Female NPT Inlet	Outlet Type	Aluminum Part #
1¼"	1¼" spout	1250-94



repair kits

Description	Part #
plunger, O-rings, valve seal, valve base, valve plate	1250SK



Hose Shank Hose Swivels

Application:

- for use with petroleum and home heating oil hose

Feature:

- prevents hose twisting or kinking



Male NPT	Shank Size	Bronze Part #
1½"	1½"	1565U
repair kit		
Description		Part #
replacement seal kit and retaining ring		1500SK

Heavy Duty Hose Swivels

Features:

- male NPT x female NPT threaded connections
- heavy duty internal thrust bearing and anti-friction seal design ensures swiveling at **-40°F (-40°C)**
- can be lubricated without disassembly by using the optional grease nipple kit below



Male NPT	Female NPT	Bayloy Part #
1¼"	1¼"	SWMF125
1½"	1½"	SWMF150
2"	2"	SWMF200
repair kits		
Description		Part #
inlet swivel grease nipple kit (optional)		SWMF-RK1
inlet swivel seal and wear kit		SWMF-RK22
complete inlet swivel rebuild kit		SWMF-RK32
2" FNPT replacement inlet swivel		SWMF-RK42
1½" FNPT replacement inlet swivel		SWMF-RK52

MannTek Hose Swivels

Features:

- allows the hose to relax to it's natural rest position while allowing freedom of movement without adding torque stress at the point of connection
- simple design, low maintenance - consists of 2 body halves, ball bearings and a washer
- male NPT x female NPT threaded connections
- FKM seals standard, Chemraz® and Kalrez® optional contact Dixon®
- working pressure: **150 PSI**
- maximum temperature: **300°F (149°C)**



Size	316 Stainless Steel	Aluminum
	Part #	Part #
¾"	HS075SS	HS075AL
1"	HS100SS	HS100AL
1½"	HS150SS	HS150AL
2"	HS200SS	HS200AL
3"	HS300SS	HS300AL
4"	HS400SS	HS400AL