



## DIXON'S NORTH AMERICAN LOCATIONS



<b>Terms</b>	Net 30 Days
<b>Cash Discounts</b>	Invoice dated 1st to the 15th of the month are subject to a 1% discount if paid by the 25th of the month. Invoices dated the 16th to the end of the month are subject to a 1% discount if paid by the 10th of the following month.
<b>Minimum Order and Invoice</b>	All orders for less than \$35.00 Net Value will be subject to a Minimum Net Charge of \$35.00 plus transportation.
<b>Prepaid Freight Allowance</b>	All shipments are F.O.B. factory or branch and shipped collect unless otherwise specified. Orders totaling \$1,000.00 net value or more for immediate shipment to a single location within the continental United States will be shipped freight free. Any items back-ordered against the same order will also be shipped prepaid as they become available. Method of shipment will be the most economical means available to Dixon and does not include priority shipments such as air freight.
<b>Returns</b>	Material shipped as ordered may be returned only with Dixon's permission. A Credit Memo will be issued subject to a 15% handling charge (using list prices in effect at the time of purchase, less the maximum discount). Total returns in 1 year cannot exceed 5% of the previous years sales.
<b>Prompt Payment</b>	Orders receive preferred treatment when the account is paid promptly. Orders may be temporarily held if any unpaid invoice is over 30 days. We reserve the right to take out of the shipping and production schedules orders from accounts with unpaid invoices of 60 days or more.





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Throughout our catalog, you will notice the "CT" (Customer Thread) symbol or \*\* behind the size of some of our valves, adapters and fittings. We recognize that not all areas of North and South America use the NST thread, so we will be glad to accommodate "special threading" wherever you see this symbol. Please provide ODM (Outside Diameter of the Male) and threads per inch when requesting quote.

There may be minimums or set-up charges associated with this, so please contact factory for pricing prior to ordering.

# DIXON FIRE

STEEL HOSE  
CABINET

WEDGE DISC  
GATE VALVES

REVERSIBLE CONCEALED  
ANGLE SIAMESE BODY

WALL HYDRANT

SIDEWALK SIAMESE  
ASSEMBLIES



# ROOF CONNECTIONS



# PIN RACK HOSE ASSEMBLY



# ANGLE HOSE VALVE



# FACTORY SET PRESSURE REDUCING BRASS VALVE



The Right Connection™

# FIRE TRUCK ACCESSORIES

CHROMED CAP



PISTON INTAKE VALVE



The Right Connection™



**LONG HANDLE  
ADAPTER**



**STORZ  
ADAPTERS**



**PVC  
SUCTION HOSE**



**3 WAY  
BALL VALVE**



**FIRE HOSE**



**UL** Factory Set Pressure Reducing (regulating) Brass Valves

18-457 / 18-458

- Pressure Reducing (regulating) Valves are listed by:
  1. Underwriters Laboratories for Automatic Sprinkler Systems as floor or zone control valves
  2. Standpipe Systems, Class I, II and III
  3. Automatic Check Valve for Dual Riser Systems
  4. Approved by the New York City Board of Standards and Appeals, approval # MEA 54-07-E
  5. Approved by the City of Los Angeles and the City of San Francisco (ULC 2½")
- True combination shut-off and pressure reducing valves. 1½" size reduces inlet pressure of 300 PSI (2069 kPa) or less to working pressures of **10** through **175 PSI** (69-1207 kPa). 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.
- Female x female valves are furnished with OPEN / CLOSED Indicator Bonnet for rapid confirmation of the valves status in the system.
- factory valves are tamper resistant
- material: cast brass



female x male  
18-457

Inlet Female NPT	Outlet Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>NAPRAV150F-15</b>	18-457-00034	7
		<b>NAPRAV150F-20</b>	18-457-00027	7
		<b>NAPRAV150F-25</b>	18-457-00029	7
		<b>NAPRAV150F-30</b>	18-457-00030	7
		<b>NAPRAV150F-35</b>	18-457-00010	7
		<b>NAPRAV150__*</b>	---	--
2½"	2½"	<b>NAPRAV250F-55</b>	18-457-00076	19
		<b>NAPRAV250F-60</b>	18-457-00077	19
		<b>NAPRAV250F-65</b>	18-457-00078	19
		<b>NAPRAV250F-70</b>	18-457-00079	19
		<b>NAPRAV250F-75</b>	18-457-00080	19
		<b>NAPRAV250F-80</b>	18-457-00081	19
		<b>NAPRAV250F-90</b>	18-457-00083	19
		<b>NAPRAV250__*</b>	---	--

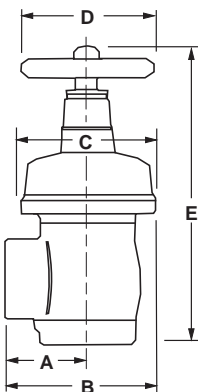
\* customer to specify thread



female x female  
18-458

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>NAPRAVF150-15</b>	18-458-00021	7
		<b>NAPRAVF150-20</b>	18-458-00022	7
		<b>NAPRAVF150-30</b>	18-458-00024	7
		<b>NAPRAVF150-25</b>	18-458-00025	7
		<b>NAPRAVF150-50</b>	18-458-00036	7
2½"	2½"	<b>NAPRAVF250-75</b>	18-458-00040	19
		<b>NAPRAVF250-65</b>	18-458-00078	19
		<b>NAPRAVF250-60</b>	18-458-00087	19
		<b>NAPRAVF250-55</b>	18-458-00088	19
		<b>NAPRAVF250-70</b>	18-458-00092	19
		<b>NAPRAVF250-80</b>	18-458-00101	19
		<b>NAPRAVF250-85</b>	18-458-00102	19

**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"	11-3/8"	10-13/16"

Valves are available with a tamper proof switch as an accessory device to hasten valve operation while monitoring its open condition. The complete switch, with bracket and housing, is available for field mounting.  
*Consult the factory for price and availability.*



# Factory Set Pressure Reducing (regulating) Brass Valves



18-459

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>NAPRVF250-60</b>	18-459-00011	25
		<b>NAPRVF250-65</b>	18-459-00012	25
		<b>NAPRVF250-70</b>	18-459-00013	25
		<b>NAPRVF250-75</b>	18-459-00014	25
		<b>NAPRVF250-55</b>	18-459-00015	25
		<b>NAPRVF250-85</b>	18-459-00016	25
		<b>NAPRVF250-80</b>	18-459-00017	25

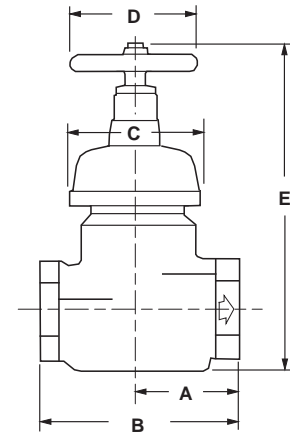


female x female  
18-459

Inlet Grooved	Outlet Grooved	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>NAPRVG250-55</b>	18-459-00024	25
		<b>NAPRVG250-60</b>	18-459-00025	25
		<b>NAPRVG250-65</b>	18-459-00026	25
		<b>NAPRVG250-70</b>	18-459-00027	25
		<b>NAPRVG250-75</b>	18-459-00028	25

### Dimensions

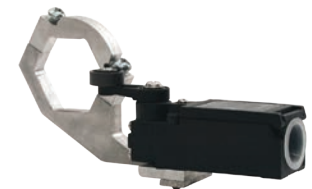
Size	Style	A	B	C	D	E closed	E open
2½"	NPT	3-7/8"	7-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"
2½"	grooved	4-3/8"	8-3/4"	5-3/4"	5-3/4"	12-3/4"	12-13/16"



## Accessories for Pressure Reducing Brass Valves

18-457 / 18-458 / 18-459

Description	Part #
tamper switch bracket kit (bonnet, nut, switch, bracket)	<b>42-019-01586</b>
switch bracket only	<b>18-458-00017</b>
replacement handles for 1½" valves	<b>44-157-00022</b>
replacement handles for 2½" valves	<b>46-030-00025</b>



tamper switch assembly  
42-019-01586

## Factory Set Pressure Reducing (regulating) Brass Valves

- (4) drilled and tapped bosses:
  - two on each side for upstream and downstream pressure monitoring
  - saves installation time and provides a cleaner appearance
- tamper switch available
- 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.
- material: *cast brass*

### angle valves



grooved x grooved

Inlet Grooved	Outlet Grooved	Part #	Wt. Lbs.
2½"	2½"	<b>NAPRAVGT250-55</b>	19
		<b>NAPRAVGT250-60</b>	19
		<b>NAPRAVGT250-65</b>	19
		<b>NAPRAVGT250-70</b>	19
		<b>NAPRAVGT250-75</b>	19
		<b>NAPRAVGT250-80</b>	19
		<b>NAPRAVGT250-85</b>	19
		<b>NAPRAVGT250-95</b>	19



grooved x female

Inlet Grooved	Outlet Female NPT	Part #	Wt. Lbs.
2½"	2½"	<b>NAPRAVGFT250-55</b>	19
		<b>NAPRAVGFT250-60</b>	19
		<b>NAPRAVGFT250-65</b>	19
		<b>NAPRAVGFT250-70</b>	19
		<b>NAPRAVGFT250-75</b>	19
		<b>NAPRAVGFT250-80</b>	19
		<b>NAPRAVGFT250-85</b>	19
		<b>NAPRAVGFT250-95</b>	19

### globe valves

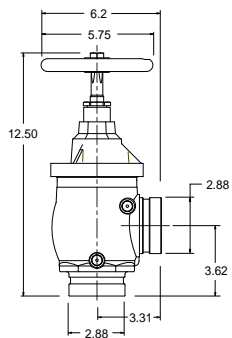


female x female

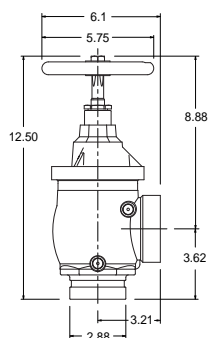
Inlet Female NPT	Outlet Female NPT	Part #	Wt. Lbs.
2½"	2½"	<b>NAPRVFT250-55</b>	23.4
		<b>NAPRVFT250-60</b>	23.4
		<b>NAPRVFT250-65</b>	23.4
		<b>NAPRVFT250-70</b>	23.4
		<b>NAPRVFT250-75</b>	23.4
		<b>NAPRVFT250-80</b>	23.4
		<b>NAPRVFT250-85</b>	23.4

Inlet Grooved	Outlet Grooved	Part #	Wt. Lbs.
2½"	2½"	<b>NAPRVGT250-55</b>	23.4
		<b>NAPRVGT250-60</b>	23.4
		<b>NAPRVGT250-65</b>	23.4
		<b>NAPRVGT250-70</b>	23.4
		<b>NAPRVGT250-75</b>	23.4
		<b>NAPRVGT250-80</b>	23.4
		<b>NAPRVGT250-85</b>	23.4

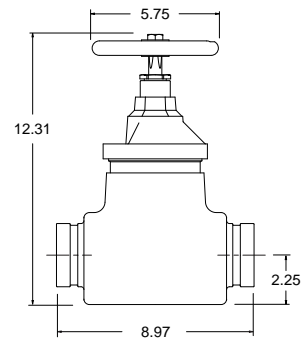
### Dimensions



grooved x grooved angle valve



grooved x female angle valve



grooved x grooved globe valve



## Domestic Brass Adjustable Pressure Restricting Angle Valves

18-153 / 18-154

Pressure restricting valves are used when flowing water pressure needs to be controlled. They are angle valves with preset orifices which restrict the volume of water and thereby lower the pressure of the flowing water.

NFPA requires restricting valves where the inlet pressure exceeds 100 PSI. Unlike the pressure regulating type of valve, the restricting valve has no effect on the static pressure of a system.

The restricting device 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.

The breakable link also serves as a simple indication of the valve condition and status. If the valve is opened without breaking the link the valve will resume its previous position and no resetting is necessary.

- Restricts inlet pressure from 70 PSI up to a maximum of 175 PSI and 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. Setting charts are packed with the valve.
- U/L listed
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- restricts only under flow conditions
- for use up to **175 PSI**
- material: *cast brass* with an *aluminum* handwheel



female x male  
18-153

Inlet Female NPT	Outlet Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" CT	<b>AVAPR150F</b> <b>AVAPR150</b> *	18-153-00002 ---	5 5
2½"	2½" CT	<b>AVAPR250F</b> <b>AVAPR250</b> *	18-153-00003	12 12

\* customer to specify thread



female x female  
18-154

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>AVAPRF150</b>	18-154-00001	5
2½"	2½"	<b>AVAPRF250</b>	18-154-00002	12

## Global Brass Adjustable Pressure Restricting Angle Valves

Pressure restricting valves are used when flowing water pressure needs to be controlled. They are angle valves with preset orifices which restrict the volume of water and thereby lower the pressure of the flowing water.

NFPA requires restricting valves where the inlet pressure exceeds 100 PSI. Unlike the pressure regulating type of valve, the restricting valve has no effect on the static pressure of a system.

The restricting device can be manually bypassed if required by opening the valve fully. Simply pull the pin to allow the yoke to fall back from the valve stem to allow the valve to be opened fully. When the valve needs to be restricted again, slide the yoke back into place to be NFPA compliant.

Inlet Female NPT	Outlet Male NH (NST)	Part #	Wt. Lbs.
1½"	1½"	<b>AVAPR150F-I</b>	5
2½"	2½"	<b>AVAPR250F-I</b>	12

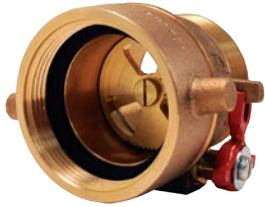


female x male

Inlet Female NPT	Outlet Female NPT	Part #	Wt. Lbs.
1½"	1½"	<b>AVAPRF150-I</b>	5
2½"	2½"	<b>AVAPRF250-I</b>	12

## UL Adjustable Pressure Restricting Device

- material: *cast brass*
- intended for installation on Class I or Class III standpipe system hose outlets
- Use of this 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" U/L listed
- working pressure: **175 PSI**



female x male  
18-255

Female Thread	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	<b>APRD150F</b>	18-255-00102	3.0
2½" NH (NST)	2½" NH (NST)	<b>APRD250F</b>	18-255-00011	4.3
2½" NYC	2½" NYC	<b>APRD250NYC</b>	18-255-00015	4.4
1½" NYFD	1½" NYFD	<b>APRD150NYFD</b>	18-255-00105	3.1
2½" NYFD	2½" NYFD	<b>APRD250NYFD</b>	18-255-00019	4.5
1½" CT <sup>1</sup>	1½" CT <sup>1</sup>	<b>APRD150</b> *	---	3.0
2½" CT <sup>1</sup>	2½" CT <sup>1</sup>	<b>APRD250</b> *	---	4.4

\* customer to specify thread

<sup>1</sup> Customer Thread



## Domestic Cast Angle Hose Valves

18-157 / 18-158

- U/L listed and FM approved
- material: *cast brass with an aluminum hand wheel*
- working pressure: **300 PSI**



female x male  
18-157



female x female  
18-158

Inlet Female NPT	Outlet Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NH (NST)	<b>AV150</b>	18-157-00010	4.4
	1½" NYFD	<b>AV150NYFD</b> <sup>2</sup>	18-157-00016	4.4
	1½" NPSH	<b>AV150S</b>	18-157-00005	4.4
	1½" NPT	<b>AV150T</b>	18-157-00329	4.4
	1½" CT <sup>1</sup>	<b>AV150</b> *	---	4.4
	2½"	2½" NH (NST)	<b>AV250</b>	18-157-00388
2½" NYC		<b>AV250NYC</b> <sup>2</sup>	18-157-00391	9
2½" NYFD		<b>AV250NYFD</b> <sup>2</sup>	18-157-00412	9
2½" PITT		<b>AV250PITT</b>	18-157-00387	9
2½" NPSH		<b>AV250S</b>	18-157-00426	9
2½" CT <sup>1</sup>		<b>AV250</b> *	---	9

\* customer to specify thread

<sup>1</sup> Customer Thread

<sup>2</sup> supplied with red hand wheel

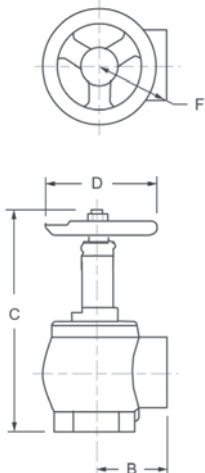
Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>AVF150</b>	18-158-00004	3.6
2½"	2½"	<b>AVF250</b>	18-158-00055	9.5

### Replacement Parts

Description	Part #	Powhatan Part #	Wt. Lbs.
handwheel for 1½" valve	<b>AV150-W</b>	46-019-01455	.22
handwheel for 2½" valve	<b>AV250-W</b>	46-019-01456	.32
handwheel nut for 1½" valve	<b>AV150-N</b>	46-011-00948	.01
handwheel nut for 2½" valve	<b>AV250-N</b>	46-011-00947	.01
valve seal rubber for 1½" valve	<b>AV150-RBR</b>	46-012-01415	.03
valve seal rubber for 2½" valve	<b>AV250-RBR</b>	46-012-01416	.10

### Dimensions

Size	A	B	C closed	C open	D	F
1½"	2-11/64"	2-7/32"	6-5/8"	7-21/32"	3-3/4"	2-13/16"
2½"	3-3/16"	3-3/16"	9-1/4"	11"	5"	3-19/32"



## Global Cast Angle Valves



## Female Inlet

- male NH outlet
- NPT inlet thread only
- aluminum handwheel
- working pressure: **300 PSI**
- alloy = yellow DZR brass

available finish:

- cast (standard)
- polished = -P
- chrome = -C
- minimum quantity for special thread consult factory

Inlet Female NPT	Outlet	Part #	Wt. Lbs.
1½"	1½" Male NH (NST)	<b>AV150-I</b>	4.10
2½"	2½" Male NH (NST)	<b>AV250-I</b>	9.00
2½"	2½" CSA	<b>AV250CSA-I</b>	9.00
2½"	2½" WCT	<b>AV250WCT-I</b>	9.00
2½"	2½" BAT	<b>AV250BA-I</b>	9.00
2½"	2½" QST	<b>AV250QST-I</b>	9.00



female inlet

## Grooved Inlet

Inlet Grooved	Outlet Male NH (NST)	Part #	Wt. Lbs.
2½"	2½"	<b>AVG250F-I</b>	9.5

Inlet Grooved	Outlet Female NPT	Part #	Wt. Lbs.
2½"	2½"	<b>AVGF250-I</b>	9.5

## Double Female

- NPT inlet and outlet only
- aluminum handwheel
- working pressure: **300 PSI**
- alloy = yellow DZR brass

available finish:

- cast (standard)
- polished = -P
- chrome = -C

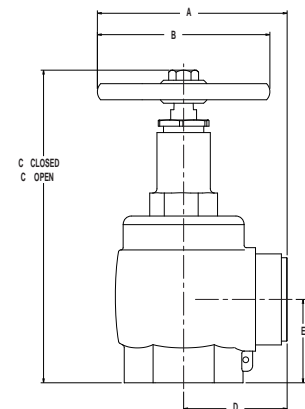
Inlet Female NPT	Outlet Female NPT	Part #	Wt. Lbs.
1½"	1½"	<b>AVF150-I</b>	3.66
2½"	2½"	<b>AVF250-I</b>	9.80



double female

## 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 Brass Angle Hose Valves

- material: *forged brass* with a red handwheel
- to be used with a fire hose rack assembly, or as a fire department outlet connection
- U/L listed and FM approved
- for use up to **300 PSI**
- Polished or chrome plated parts with other outlet threads are also available. *Consult the factory for pricing and availability.*



female x male  
AV251

Inlet Female NPT	Outlet Male Thread	Part #	Wt. Lbs.
1½"	1½" NH (NST)	<b>AV151</b>	4
	1½" NYFD	<b>AV151NYFD</b>	4
2½"	2½" NH (NST)	<b>AV251</b>	8
	2½" NYC	<b>AV251NYC</b>	8
	2½" NYFD	<b>AV251NYFD</b>	8



female x female  
AVF151

Inlet Female NPT	Outlet Female NPT	Part #	Wt. Lbs.
1½"	1½"	<b>AVF151</b>	4
2½"	2½"	<b>AVF251</b>	8

### Replacement Parts

Description	Part #	Wt. Lbs.
handwheel for 1½" valve	<b>AV151-WR</b>	.21
handwheel for 2½" valve	<b>AV251-WR</b>	1.0
handwheel nut for 1½" valve	<b>AV151-N</b>	.01
handwheel nut for 2½" valve	<b>AV251-N</b>	.01
valve seal rubber for 1½" valve	<b>AV151-RBR</b>	.03
valve seal rubber for 2½" valve	<b>AV251-RBR</b>	.10



## 500# Brass Angle Hose Valves

18-157 / 18-158

The only angle hose valve designed and approved to manage 500 PSI pressures in piping systems where it is necessary to access the system for a fire hose connection. Typical applications are in fire department, gravity and pressure tank connections, test connections, and public water supplies to sprinkler and standpipe systems



female x male  
18-157

- material: *cast brass with a red handwheel*
- FM approved
- New York City Board of Standards and Appeals, approval # MEA 54-07-E
- for use up to **500 PSI**

Inlet Female NPT	Outlet Male Thread	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½" NH (NST)	<b>AV5-250F</b>	<b>18-157-50000</b>	12
	2½" NYFD	<b>AV5-250NYFD</b>	<b>18-157-50001</b>	12

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>AVF5-250</b>	<b>18-158-50000</b>	12

## Straight Ball Drip Valves

23-148

This valve is designed to drain the low point of a system. It should be placed between the fire department connection and the swing check valve.

- will seal automatically under pressure
- install in the vertical position only
- working pressure: **175 PSI**
- material: brass

Male NPT	Male NPT	Part #	Wt. Lbs.
1/2"	1/2"	<b>SBDV50</b>	.41
3/4"	3/4"	<b>SBDV75</b>	.47



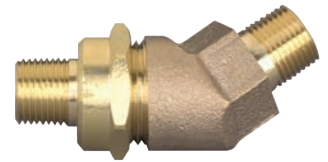
straight ball drip valve

## Angled Ball Drip Valves

23-181

- will seal automatically under pressure
- installed horizontally, the ball seats at approximately 8-10 PSI
- working pressure: **175 PSI**
- material: brass

Male NPT	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1/2"	1/2"	<b>ASBDV50</b>	23-181-00001	1.0
3/4"	3/4"	<b>ASBDV75</b>	23-181-00002	1.2

angled ball drip valve  
23-181

## Chicago Pattern Valves

18-180

- material: *cast brass with an aluminum handwheel*
- for use up to **175 PSI**

Inlet Male NPT	Outlet Male	Part #	Powhatan Part #	Wt. Lbs.
1 1/2"	1 1/2" NH (NST)	<b>CPV150F</b>	18-180-00008	3.4
1 1/2"	1 1/2" NPSH	<b>CPV150S</b>	18-180-00007	3.4

Chicago pattern valve  
18-180



## Brass Straight Globe Valves

18-217

- ideal for wet and combination systems
- used with a fire hose rack assembly, or as a fire department outlet connection
- material: *cast brass with an aluminum handwheel*
- for use up to **300 PSI**



female NPT x male NH

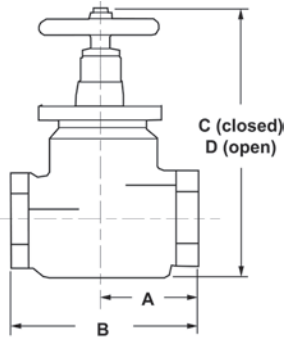
Inlet Female	Outlet Male	Part #	Powhatan Part #	Wt. Lbs.
1½" NPT	1½" NH (NST)	<b>SGV150F</b>	18-217-00010	6.0
1½" CT <sup>1</sup>	1½" CT <sup>1</sup>	<b>SGV150</b> *	---	6.0
2½" NPT	2½" NH (NST)	<b>SGV250F</b>	18-217-00083	9.6
2½" CT <sup>1</sup>	2½" CT <sup>1</sup>	<b>SGV250</b> *	---	9.6

\* customer to specify thread

<sup>1</sup> Customer Thread

Inlet Female NPT	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SGVF150</b>	18-217-00104	6
2½"	2½"	<b>SGVF250</b>	18-217-00082	8

### Dimensions



Size	A	B	C (closed)	D (open)	Wt. Lbs.
1½"	2-3/8"	4-3/4"	7-1/4"	8"	5.0
2½"	3-9/32"	6-9/16"	7-3/8"	8-1/8"	9.3

## Wharf Hydrants

18-251

- used to provide a fire department outlet connection
- pentagon nut at top of spindle discourages unauthorized use
- material: *cast brass*
- for use up to **300 PSI**



female NPT x male NH

Inlet Female NPT	Outlet Male NH (NST)	Height Open	Height Closed	Part #	Powhatan Part #	Wt. Lbs.
3"	2½"	16.38	14.25	<b>WHYD3025F</b>	18-251-00008	31
4"	2½"	16.38	14.25	<b>WHYD4025F</b>	18-251-00015	23
4"	4½"	18.13	15.63	<b>WHYD4045F</b>	18-251-00017	41

### Replacement Part

Description	Part #
hand wheel	<b>46-030-00025</b>

# Wedge Disc Gate Valves - Non-rising Stem



19-281

- material: *cast brass*
- red iron wheel handle, with brass cap and chain
- cap not included on the NYFD threaded valve and special threaded valves
- solid wedge disc with tapered seats
- 2½" U/L listed and FM approved
- working pressure: **300 PSI**



female x male  
WDGV150F \*



female x male  
19-281

Inlet Female NPT	Outlet Male Thread	U/L	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NH (NST)	no	<b>WDGV150F</b>	---	19.0
1½"	1½" NPSH	no	<b>WDGV150S<sup>2</sup></b>	---	19.0
1½"	1½" CT <sup>1</sup>		<b>WDGV150</b> *	---	19.0
2½"	2½" NH (NST)	yes	<b>WDGV250F</b>	19-281-50000	20.3
2½"	2½" NYFD	yes	<b>WDGV250NYFD</b>	19-281-00007	19.0
2½"	2½" CT <sup>1</sup>	yes	<b>WDGV250</b> *	---	20.0

<sup>1</sup> Customer Thread

<sup>2</sup> supplied as NST product with adapter

\* customer to specify thread

## Dimensions

Size	A	B	C	D
1½"	3-49/64"	5-5/8"	1-1/8"	6-3/8"
2½"	6"	3-51/64"	2-1/2"	12-1/4"

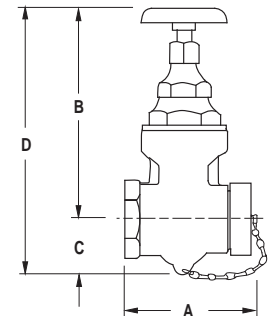


illustration represents 2½" size

*Not recommended for wet standpipe systems. Use AV250 (18-157) for this purpose, see page 10.*





## Wedge Disc Gate Valves - Non-rising Stem



female NPT x male NH

- material: *forged brass, satin finish*
- red handwheel
- solid wedge disc with tapered seats
- straightway pattern
- U/L listed and FM approved
- working pressure: **300 PSI**
- for use on standpipes, fire pumps and hydrants

Inlet Female NPT	Outlet Male NH (NST)	Part #	Wt. Lbs.
2½"	2½"	<b>WDGV251F</b>	8.8
3"	2½"	<b>WDGV3025F</b>	9.3

## Wedge Disc Gate Valves - Rising Stem

19-280



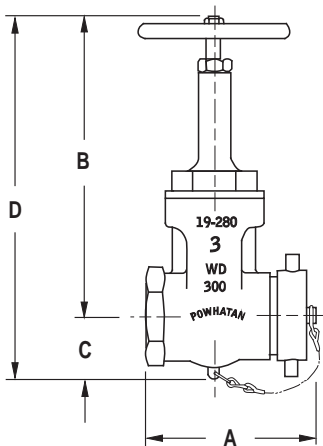
female NPT x male NH  
19-280

- material: *cast brass*
- red iron wheel handle, with brass cap and chain
- solid wedge disc with tapered seats
- working pressure: see chart below

Inlet Female NPT	Outlet Male	WP PSI	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½" NH (NST)	<b>200</b>	<b>RWDGV250F</b>	19-280-50000	19.0
2½"	2½" CT <sup>1</sup>		<b>RWDGV250</b> *	---	19.0
3"	2½" NH (NST)	<b>300</b>	<b>RWDGV3025F</b> <sup>2</sup>	19-280-50001	20.3
3"	2½" CT <sup>1</sup>		<b>RWDGV3025</b> *	---	20.0

- <sup>1</sup> Customer Thread  
\* customer to specify thread  
<sup>2</sup> U/L listed

### Dimensions



Size	A	B closed	C	D closed	D open
2½"	6-1/2"	11	2-1/2"	13-1/2"	16-1/4"
3" x 2½"	6-3/16"	11	2-1/2"	13-1/2"	16-1/4"

*Not recommended for wet standpipe systems. Use AV250 (18-157) for this purpose, see page 10.*

## Brass Plain Wye with Pin Lugs

04-106

- material: cast brass
- divides one stream into two

Inlet Female	(2) Outlets Male	Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	<b>PW15F15F</b>	3.0
1½" NPSH	1½" NPSH	<b>PW15S15S</b>	3.0
1½" CT <sup>1</sup>	1½" CT <sup>1</sup>	<b>PW15_15_*</b>	3.0
2½" NH (NST)	1½" NH (NST)	<b>PW25F15F</b>	5.5
2½" CT <sup>1</sup>	1½" NPSH	<b>PW25_15S*</b>	5.5
2½" CT <sup>1</sup>	1½" NH (NST)	<b>PW25_15F*</b>	5.5
2½"	2½"	<b>PW25F25F</b>	6.8
2½" CT <sup>1</sup>	2½" CT <sup>1</sup>	<b>PW25_25_*</b>	6.8

female inlet x  
(2) male outlets

- <sup>1</sup> Customer Thread  
\* customer to specify thread

Single Hydrant Gate Valves with Hand Wheel 

The primary purpose of a single hydrant gate valve is to protect fire hydrants from damage that can occur if they are used for throttling.

- pin lug swivel, non-rising stem, red hand wheel
- material: *forged brass*
- metal to metal seal
- U/L listed
- for use on hydrants, standpipes, and fire pumps
- for use up to **300 PSI** (water only)

Inlet Female NH (NST)	Outlet Male	Part #	Wt. Lbs.
2½"	2½" NH (NST)	<b>HGVW250F</b>	8.7
2½"	2½" NYFD	<b>HGVW250NYFD</b>	8.7



female NH x male NH

## Replacement Part

Description	Part #	Wt. Lbs.
hand wheel	<b>HGVW250-W</b>	.35



## UL Single Hydrant Gate Valves with Hand Wheel

The hydrant gate valve is used to throttle the flow from a fire hydrant without damaging the hydrant itself.

- material: *cast red brass*
- O-ring seal
- U/L listed
- for use on standpipes and fire pumps where U/L listing is required
- for use up to **175 PSI** (water only)



female NH x male NH

Inlet Female	Outlet Male	Part #	Wt. Lbs.
2½" NH (NST)	2½" NH (NST)	<b>UHGV250F</b>	9
2½" CT <sup>1</sup>	2½" CT <sup>1</sup>	<b>UHGV250___*</b>	9

<sup>1</sup> Customer Thread

\* customer to specify thread

### Replacement Part

Description	Part #	Wt. Lbs.
hand wheel	<b>UHGV250-W</b>	.25

## Single Hydrant Gate Valves with Speed Handle

05-116

The primary purpose of a single hydrant gate valve is to protect fire hydrants from damage that can occur if they are used for throttling.

- pin lug swivel, non-rising stem, aluminum speed handle
- material: cast brass
- rubber seal
- for use on hydrants, standpipes, and fire pumps
- for use up to **175 PSI** (water only)



female NH x male thread

Inlet Female	Outlet Male	Part #	Wt. Lbs.
2½" NH (NST)	2½" NH (NST)	<b>HGV250F</b>	8.8
2½" NH (NST)	2½" NH (NST)	<b>HGV250F-D</b>	8.8
2½" NH (NST)	2½" NPSH	<b>HGV250</b>	8.6
2½" CT <sup>1</sup>	2½" CT <sup>1</sup>	<b>HGV250___*</b>	

<sup>1</sup> Customer Thread

\* customer to specify thread

### Replacement Part

Description	Part #	Wt. Lbs.
speed handle	<b>HGV250-H</b>	.20

## Sprinkler Hose Valve



18-252

- material: *cast brass valve with an aluminum wheel*
- U/L listed and FM approved for automatic sprinkler and standpipe systems
- working pressure: **175 PSI** (water only)



male NPT x male NH  
18-252

Inlet Male NPT	Outlet Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1"	1½"	<b>ASHV1015F</b>	18-252-00002	4.0

## Test and Drain Valves

The Test and Drain valve combines the functions of testing and draining the system into one valve.

- A test connection not less than 1" (25 mm) in diameter, terminating a smooth bore corrosion resistant orifice, given a flow equivalent to one sprinkler of a type having the smallest orifice installed on the particular system, shall be provided to test each waterflow alarm device for each system. The test connection valve shall be readily accessible. The discharge shall be to the outside, to a drain connection capable of accepting full flow under system pressure or to another location where water damage will not result.
- All sprinkler pipes and fittings should be installed so that the system may be drained. Three positions OFF – TEST – DRAIN. These valves have a green indicator which illustrates an open or closed position from 50 ft distance.



test and drain valve

Inlet	Port Orifice	Part #	Wt. Lbs.
1" FNPT	½"	<b>TDV100</b>	3.2
1¼" FNPT	½"	<b>TDV125</b>	3.4

## Sprinkler Line Tester



For installing the last sprinkler head on system branch lines, controls water flow for flushing or testing of the system. When the wet pipe sprinkler system operates, the water flow in the pipes is at a relatively low velocity. Friction loss increases with the age of the sprinkler piping, up to 100 percent after 15 years. The accumulation of sediment and foreign objects in sprinkler systems can be prevented by flushing the supply mains to the systems through the hydrants at least semiannually. The National Board of Fire Underwriters recommends that sprinkler branch line flow tests be conducted from the extremities of the branch lines (at the end of the sprinkler system) to determine obstructions in the lines and to clean them of sediments or foreign materials that may be carried into the system by the flow of water.

- Brass
- U/L Listed
- 1" NPT female inlet
- 1" NPSH male outlet with NPSH cap and chain
- ½" sprinkler head connection

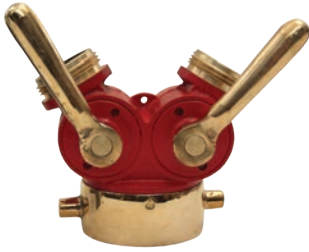


sprinkler line tester

Inlet	Part #	Wt. Lbs.
1" FNPT	<b>SLT10050</b>	1.0

## Brass ¼ Turn Plug Type Wye Valves

06-175



female inlet x  
(2) male outlets  
06-175

- pin lug swivel female
- material: *cast brass*
- for use up to **175 PSI** (water only)

Inlet Female NH (NST)	(2) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
2½"	1½" NH (NST)	<b>S6175</b>	06-175-00212	9
2½"	1½" NPSH	<b>S6175S</b>	06-175-00223	9

### Replacement Part

Description	Part #	Wt. Lbs.
handle	<b>S6175-H</b>	.35

*Not recommended for charged pre-connected hose*

## Brass ¼ Turn Ball Type Wye Valves

07-337



female inlet x  
(2) male outlets  
07-337

- material: *cast brass*
- rocker lug swivel
- operates easily under high pressure
- handles not field replaceable
- for use up to **175 PSI** (water only)
- meets NSN specifications # 4210-00-255-0234

Inlet Female	(2) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
2½" NH (NST)	1½" NPSH	<b>S7337S</b>	07-337-00196	12
2½" CT <sup>1</sup>	1½" CT <sup>1</sup>	<b>S7337</b> *	---	12

<sup>1</sup> Customer Thread

\* customer to specify thread

## Brass Full Flow ¼ Turn Ball Type Wye Valves

07-100



female inlet x  
(2) male outlets

- recommended for charged pre-connected hose lines
- material: *cast, brass*
- pin lug swivel brass
- for use up to **175 PSI** (water only)

Female NH (NST)	(2) Male NH (NST)	Part #	Wt. Lbs.
1½"	1½"	<b>S7100-15</b>	10
2½"	1½"	<b>S7100</b>	11

## Leader Line ¼ Turn Ball Type Wye Valve



female inlet x  
(2) male outlets

- body painted red with chrome trim
- rocker lug swivel, brass
- for use up to **400 PSI** (water only)

Female NH (NST)	(2) Male NH (NST)	Part #	Wt. Lbs.
2½"	1½"	<b>LLBV2515F</b>	6.0



## Dixon Northline Aluminum Hydrant Gate Valves with Speed Handle

The primary purpose of a single hydrant gate valve is to protect fire hydrants from damage that can occur if they are used for throttling.

- full 2½" waterway
- body of valve - high strength aluminum alloy, 356-T6
- hardcoat anodized throughout - minimum thickness 0.001 inch
- **250 PSI** test pressure, **100 PSI** working pressure

Inlet Female Swivel	Outlet Male	Part #	Wt. Lbs.
2½" NPSH	2½" NPSH	<b>AHGV250</b>	5.0
2½" NST	2½" NST	<b>AHGV250F</b>	5.0
2½"	2½"	<b>AHGV250</b> *	5.0

\* customer to specify thread



female x male

## Global Aluminum Hydrant Gate Valve with Speed Handle

The primary purpose of a single hydrant gate valve is to protect fire hydrants from damage that can occur if they are used for throttling.

- pin lug swivel, non-rising stem, aluminum speed handle
- material: aluminum
- non-metallic seal
- for use up to **175 PSI** (water only)

Inlet Female NH (NST)	Outlet Male NH (NST)	Part #	Wt. Lbs.
2½"	2½"	<b>AHGV250F-I</b>	3.75

### Replacement Part

Description	Part #	Wt. Lbs.
speed handle	<b>AHGV250F-H</b>	1.0



male x female

## Dixon Northline Aluminum LDH Gate Valves Large Diameter (LDH)

These gate valves can be used on the suction intake and discharge sides of a pumper or on a hydrant. The valve is made of lightweight aluminum alloy. It has a non-rising stem, with an air bleed off. It is available with Storz or threaded combinations, 30° elbow, and needs only 8 easy turns to open and close.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"

B  
Aluminum  
Valves &  
Wyes



Storz x Storz

### Storz x Storz

Storz	Storz	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>SGV440</b>	9"	6.25"	19.5"	16.5
4"	5"	<b>SGV450</b>	9"	7.75"	19.5"	16.5
5"	4"	<b>SGV540</b>	9"	7.75"	19.5"	20.0
5"	5"	<b>SGV550</b>	9"	7.75"	19.5"	20.0

Note: all measurements include handles



Storz x Storz 30° with air bleeder

### Storz x Storz 30° with Air Bleeder

Storz	Storz	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>SGV30-440</b>	9.0	6.25	20.0	16.5
4"	5"	<b>SGV30-450</b>	9.0	7.75	20.0	16.5
5"	4"	<b>SGV30-540</b>	9.0	7.75	20.0	20.0
5"	5"	<b>SGV30-550</b>	9.0	7.75	20.0	20.0

Note: all measurements include handles



Storz x female swivel

### Storz x Female Swivel

Inlet Storz	Outlet Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>FSGV440</b> *	9	6.0	19.5	18.5
4"	4½"	<b>FSGV445</b> *	9	6.5	19.5	18.5
4"	5"	<b>FSGV450</b> *	9	7.0	19.5	18.5
4"	6"	<b>FSGV460</b> *	9	8.0	19.5	19.0
5"	4"	<b>FSGV540</b> *	9	6.0	19.5	20.0
5"	4½"	<b>FSGV545</b> *	9	6.5	19.5	20.0
5"	5"	<b>FSGV550</b> *	9	7.0	19.5	20.0
5"	6"	<b>FSGV560</b> *	9	8.0	19.5	21.0

Note: all measurements include handles

\* customer to specify thread

## Dixon Northline Aluminum LDH Gate Valves Large Diameter (LDH)

These gate valves can be used on the suction intake and discharge sides of a pumper or on a hydrant. The valve is made of lightweight aluminum alloy. It has a non-rising stem, with an air bleed off. It is available with Storz or threaded combinations, 30° elbow, and needs only 8 easy turns to open and close.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"

### Female x Male

Female	Male	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>FMGV40_40</b> *	9.0	6.25	19.5	16.5
4"	4½"	<b>FMGV40_45</b> *	9.0	6.50	19.5	16.5
4"	5"	<b>FMGV40_50</b> *	9.0	7.75	19.5	16.5
4"	6"	<b>FMGV40_60</b> *	9.0	7.75	19.5	19.0
4½"	4"	<b>FMGV45_40</b> *	9.0	7.75	19.5	18.5
4½"	4½"	<b>FMGV45_45</b> *	9.0	7.75	19.5	18.5
4½"	5"	<b>FMGV45_50</b> *	9.0	7.75	19.5	18.5
4½"	6"	<b>FMGV45_60</b> *	9.0	7.75	19.5	19.0
5"	4"	<b>FMGV50_40</b> *	9.0	7.75	19.5	20.0
5"	4½"	<b>FMGV50_45</b> *	9.0	7.75	19.5	20.0
5"	5"	<b>FMGV50_50</b> *	9.0	7.75	19.5	20.0
5"	6"	<b>FMGV50_60</b> *	9.0	7.75	19.5	21.0
6"	6"	<b>FMGV60_60</b> *	9.0	7.75	19.5	22.0



female by male

Note: all measurements include handles

\* customer to specify thread

### Storz x 30° Female Swivel

Storz	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>FSGV30-440</b> *	9.0	6.0"	19.5"	21.0
4"	4½"	<b>FSGV30-445</b> *	9.0	6.5"	19.5"	21.0
4"	5"	<b>FSGV30-450</b> *	9.0	7.0"	19.5"	21.5
4"	6"	<b>FSGV30-460</b> *	9.0	8.0"	19.5"	21.5
5"	4"	<b>FSGV30-540</b> *	9.0	6.0"	19.5"	22.0
5"	4½"	<b>FSGV30-545</b> *	9.0	6.5"	19.5"	22.0
5"	5"	<b>FSGV30-550</b> *	9.0	7.0"	19.5"	22.5
5"	6"	<b>FSGV30-560</b> *	9.0	8.0"	19.5"	22.5



Storz x 30° female swivel

Note: all measurements include handles

Add "R" to above part number if pressure relief valve required - (FSGVR30)

\* customer to specify thread



with pressure relief valve



## Dixon Northline Aluminum LDH Gate Valves Large Diameter (LDH)

These gate valve can be used on the suction intake and discharge sides of a pumper or on a hydrant. The valve is made of lightweight aluminum alloy. It has a non-rising stem, with an air bleed off. It is available with Storz or threaded combinations, 30° elbow, and needs only 8 easy turns to open and close.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"



female x male 30° swivel

### Female x Male 30° Swivel

Female	Male	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<i>FMGV30-40_40_*</i>	10.0	6.0"	19.5"	21.0
4"	4½"	<i>FMGV30-40_45_*</i>	10.0	6.5"	19.5"	21.0
4"	5"	<i>FMGV30-40_50_*</i>	10.0	7.0"	19.5"	21.5
4"	6"	<i>FMGV30-40_60_*</i>	10.0	8.0"	19.5"	21.5
4½"	4"	<i>FMGV30-45_40_*</i>	10.0	6.0"	19.5"	22.0
4½"	4½"	<i>FMGV30-45_45_*</i>	10.0	6.5"	19.5"	22.0
4½"	5"	<i>FMGV30-45_50_*</i>	10.0	7.0"	19.5"	22.5
4½"	6"	<i>FMGV30-45_60_*</i>	10.0	8.0"	19.5"	22.5
5"	4"	<i>FMGV30-50_40_*</i>	10.0	6.0"	19.5"	23.0
5"	4½"	<i>FMGV30-50_45_*</i>	10.0	6.5"	19.5"	23.0
5"	5"	<i>FMGV30-50_50_*</i>	10.0	7.0"	19.5"	23.0
5"	6"	<i>FMGV30-50_60_*</i>	10.0	7.5"	19.5"	23.0
6"	6"	<i>FMGV30-60_60_*</i>	10.0	8.0"	19.5"	23.0

Note: all measurements include handles

Add "R" to above part number if pressure relief valve required - (FMGVR30)

\* customer to specify thread

## Dixon Northline Direct Mount Relief Valves



direct mount relief valve

- **0-200 PSI** pressure relief valve

Part #	Description
<i>RV250</i>	pressure relief valve only
<i>MRV250</i>	pressure relief valve with 2½" male thread
<i>FRV250</i>	pressure relief valve with 2½" female swivel thread

## Dixon Northline 30° Relief Valve Adapters

- designed to connect LDH to suction intake
- equipped with a built-in 30° elbow, relief valve and air bleed off
- permits smooth, uninterrupted flow of water
- available with Storz or thread combinations
- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4" minimum waterway
- finish hardcoat anodized throughout - minimum thickness 0.001"
- relief valve - double springs, cartridge type, adjustable from **50 to 200 PSI**

Storz	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>FSRV440</b> *	9.50	5.75	11.0	11.5
4"	4½"	<b>FSRV445</b> *	9.50	6.50	11.0	12.0
4"	5"	<b>FSRV450</b> *	9.50	7.00	11.0	12.5
4"	6"	<b>FSRV460</b> *	9.50	8.00	11.0	13.0
5"	4"	<b>FSRV540</b> *	10.25	8.00	12.0	14.0
5"	4½"	<b>FSRV545</b> *	10.25	8.00	12.0	14.0
5"	5"	<b>FSRV550</b> *	10.25	8.00	12.0	15.0
5"	6"	<b>FSRV560</b> *	10.25	8.00	12.0	16.0



30° relief valve adapter

Note: all measurements include handles

\* customer to specify thread required

## Dixon Northline Hydrant Boosters

These valves can be used as a hydrant booster and also for inline pumping. Initially the valve is connected to the hydrant and water can be pumped directly from the hydrant to the fire. If pressure is low, the valve can have a second pumper connected to it without interrupting flow. There is also a third position, allowing emergency shut-down.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"

Storz	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
(3) 4" Storz	4½"	<b>FSHV445</b> *	13.5	19.5	12.75	34
(3) 4" Storz	5"	<b>FSHV450</b> *	13.5	19.5	12.75	34
(3) 5" Storz	4½"	<b>FSHV545</b> *	13.5	19.5	12.75	36
(3) 5" Storz	5"	<b>FSHV550</b> *	13.5	19.5	12.75	36



hydrant booster

Note: all measurements include handles

\* customer to specify thread required

## Dixon Northline Aluminum Piston Intake Relief Valves

This valve is complete with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel and air bleed off. The valve permits safe controlled flow to the intake pump and can also be used to draft. It is available with a Storz or threaded combination and needs only 9 easy turns to open and close.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat 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	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<i><b>FSGR440</b></i> *	12.0	8.0	17.0	25.0
4"	4½"	<i><b>FSGR445</b></i> *	12.0	8.0	17.0	25.0
4"	5"	<i><b>FSGR450</b></i> *	12.0	8.0	17.0	24.0
4"	6"	<i><b>FSGR460</b></i> *	12.0	8.0	17.0	24.0
5"	4"	<i><b>FSGR540</b></i> *	12.0	8.0	17.0	25.5
5"	4½"	<i><b>FSGR545</b></i> *	12.0	8.0	17.0	25.5
5"	5"	<i><b>FSGR550</b></i> *	12.0	8.0	17.0	24.5
5"	6"	<i><b>FSGR560</b></i> *	12.0	8.0	17.0	24.5



Storz x male

Storz	Male	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<i><b>FMGR440</b></i> *	12.0	8.0	17.0	25.0
4"	4½"	<i><b>FMGR445</b></i> *	12.0	8.0	17.0	25.0
4"	5"	<i><b>FMGR450</b></i> *	12.0	8.0	17.0	24.0
4"	6"	<i><b>FMGR460</b></i> *	12.0	8.0	17.0	24.0
4½"	4"	<i><b>FMGR4540</b></i> *	12.0	8.0	17.0	25.5
4½"	4½"	<i><b>FMGR4545</b></i> *	12.0	8.0	17.0	25.5
4½"	5"	<i><b>FMGR4550</b></i> *	12.0	8.0	17.0	24.5
4½"	6"	<i><b>FMGR4560</b></i> *	12.0	8.0	17.0	24.5
5"	4"	<i><b>FMGR540</b></i> *	12.0	8.0	17.0	25.5
5"	4½"	<i><b>FMGR545</b></i> *	12.0	8.0	17.0	25.5
5"	5"	<i><b>FMGR550</b></i> *	12.0	8.0	17.0	25.5
5"	6"	<i><b>FMGR560</b></i> *	12.0	8.0	17.0	26.0
6"	6"	<i><b>FMGR660</b></i> *	12.0	8.0	17.0	26.0

Note: all measurements include handles  
\* customer to specify thread

## Dixon Northline Brass Piston Intake Relief Valves

The valve is complete with a 30° elbow (permitting smoother water flow), adjustable relief valve, retractable knob on hand wheel, and 5/8" air bleed off. The CAD/CAM design offers a low friction loss of less than 10 PSI at 1500 GPM. The valve allows safe controlled flow to the intake pump and can also be used to draft. It is available with a Storz or threaded combinations and needs only 9 easy turns to open and close.

- **336 PSI** test pressure, **224 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- 4½" minimum waterway
- body of valve - manganese bronze, ASTM B30
- finish manganese bronze
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI
- air bleed off - manganese bronze 5/8"

Storz	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b><i>FSGR-B440</i></b> *	12.0	8.25	17.0	56.5
4"	4½"	<b><i>FSGR-B445</i></b> *	12.0	8.25	17.0	62.0
4"	5"	<b><i>FSGR-B450</i></b> *	12.0	8.25	17.0	60.0
4"	6"	<b><i>FSGR-B460</i></b> *	12.0	8.25	17.0	57.0
5"	4"	<b><i>FSGR-B540</i></b> *	12.0	8.25	17.0	57.0
5"	4½"	<b><i>FSGR-B545</i></b> *	12.0	8.25	17.0	62.5
5"	5"	<b><i>FSGR-B550</i></b> *	12.0	8.25	17.0	60.5
5"	6"	<b><i>FSGR-B560</i></b> *	12.0	8.25	17.0	57.5



Storz x female swivel

Storz	Male	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b><i>FMGR-B440</i></b> *	12.0	8.0	17.0	25.0
4"	4½"	<b><i>FMGR-B445</i></b> *	12.0	8.0	17.0	25.0
4"	5"	<b><i>FMGR-B450</i></b> *	12.0	8.0	17.0	24.0
4"	6"	<b><i>FMGR-B460</i></b> *	12.0	8.0	17.0	24.0
4½"	4"	<b><i>FMGR-B4540</i></b> *	12.0	8.0	17.0	25.5
4½"	4½"	<b><i>FMGR-B4545</i></b> *	12.0	8.0	17.0	25.5
4½"	5"	<b><i>FMGR-B4550</i></b> *	12.0	8.0	17.0	24.5
4½"	6"	<b><i>FMGR-B4560</i></b> *	12.0	8.0	17.0	24.5

Note: all measurements include handles

\* customer to specify thread



## Dixon Northline Aluminum 2-Way Ball Valves

This valve will feed two smaller attack lines from one large diameter supply line. The 2½" outlet is a gated ball valve resulting in a safe controlled flow of water. The compact 2-way ball valve comes complete with a carrying handle and is available with a Storz or threaded combinations.

- it can be used to distribute water in the opposite direction
- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"

B  
Aluminum  
Valves &  
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Storz x male

Inlet Storz	Outlet Male	Part #	Length	Width	Height	Wt. Lbs.
2½"	2½"	<b>MSBV2525</b> *	9.0	8.0	7.0	6.5
3"	2½"	<b>MSBV3025</b> *	9.0	8.50	7.0	6.0
4"	2½"	<b>MSBV4025</b> *	12.0	9.75	9.0	13.0
5"	2½"	<b>MSBV5025</b> *	12.5	9.75	9.0	15.0
6"	2½"	<b>MSBV6025</b> *	12.5	10.25	9.0	15.5

Inlet Storz	(2) Outlet Storz	Part #	Length	Width	Height	Wt. Lbs.
2½"	2½"	<b>SBV2525</b>	9.0	8.00	7.0	5.5
3"	2½"	<b>SBV325</b>	9.0	8.50	7.0	6.5
4"	2½"	<b>SBV425</b>	12.0	9.75	9.0	14.5
5"	2½"	<b>SBV525</b>	12.5	12.00	9.0	17.0
6"	2½"	<b>SBV625</b>	13.0	12.00	9.0	19.0



Storz x (2) Storz

Inlet Storz	(2) Outlet Female	Part #	Length	Width	Height	Wt. Lbs.
2½"	2½"	<b>FSBV2525</b> *	9.0	8.0	7.0	6.5
3"	2½"	<b>FSBV325</b> *	9.0	8.50	7.0	6.0
4"	2½"	<b>FSBV425</b> *	12.0	11.5	9.0	15.0
5"	2½"	<b>FSBV525</b> *	12.5	11.5	9.0	17.0
6"	2½"	<b>FSBV625</b> *	13.0	12.0	9.0	19.0



female swivel x male

Inlet Female Swivel	(2) Outlet Male	Part #
2½"	1½"	<b>FMBV25 15</b> *
2½"	2½"	<b>FMBV25 25</b> *
3"	2½"	<b>FMBV30 25</b> *
4"	2½"	<b>FMBV40 25</b> *
4½"	2½"	<b>FMBV45 25</b> *
5"	2½"	<b>FMBV50 25</b> *
6"	2½"	<b>FMBV60 25</b> *

Note: all measurements include handles  
\* customer to specify threads required

## Dixon Northline Aluminum Jumbo Ball Valves

This valve is used to feed multiple large diameter lines with one large diameter line. Two large gated outlets help control the flow of water and provide easy shutdown. The valve is equipped with a relief valve and is available with Storz fittings or threaded combinations.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: inlet side - 4½" maximum, 2 outlets - 2½" maximum
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI



Storz x (2) Storz

Inlet Storz	(2) Outlet Storz	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>SJBV440</b>	19.5	18	11	52.0
5"	4"	<b>SJBV540</b>	19.5	18	11	52.5
5"	5"	<b>SJBV550</b>	19.5	18	11	56.5

## Dixon Northline Aluminum 3-Way Ball Valves

This valve will feed three smaller attack lines from one large diameter supply line. The three 2½" outlets are gated ball valves resulting in a safe controlled flow of water. The valve is equipped with an adjustable relief valve or can be capped off if a relief is not needed. It is complete with a carrying handle and is available with Storz fittings, male or female threads.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: inlet side - 4½" maximum, 3 outlets - 2½" maximum
- body of valve - high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"
- relief valve - double spring, cartridge type, adjustable from 50 to 200 PSI



Storz x customer thread

Inlet Storz	(3) Outlet	Part #	Length	Width	Height	Wt. Lbs.
4"	2½" Male	<b>MSBVR3-425</b> *	16.25	17	11	28.0
5"	2½" Male	<b>MSBVR3-525</b> *	16.25	17	11	29.0
6"	2½" Male	<b>MSBVR3-625</b> *	16.25	17	11	30.0
4"	2½" Female	<b>FSBVR3-425</b> *	16.25	17	11	31.0
5"	2½" Female	<b>FSBVR3-525</b> *	16.25	17	11	31.5
6"	2½" Female	<b>FSBVR3-625</b> *	16.25	17	11	32.0

Note: all measurements include handles

\* customer to specify threads required

## Dixon Northline Aluminum 5-Way Manifolds

This valve is made from lightweight aluminum alloy and is hard anodized for a longer life span. It can be used to supply multiple attack lines with one large diameter line. The compact unit contains one large gated outlet, four 2½" gated outlets, pressure gauge, adjustable relief valve, and carrying handle built into the body. It is available with Storz fittings, male or female threads.



Storz x Storz x (4) gated

- 425 PSI test pressure, 280 PSI working pressure without relief valve, 750 PSI minimum burst pressure
- water way: inlet side- 4½" maximum, 1 outlet - 4½" maximum, 4 outlets - 2½" maximum
- body of valve: high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout: minimum thickness 0.001"
- pressure gauge: March instruments Mfg., glycerine filled, PSI/KPA readings
- relief valve: double spring, cartridge type, adjustable from 50 to 200 PSI

Inlet Storz	(1) Outlet Storz	(4) Outlet Gated	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	2½"	<b>MSMG425</b> *	21	25	12.5	46.5
5"	5"	2½"	<b>MSMG525</b> *	21	25	12.5	50.0
6"	6"	2½"	<b>MSMG625</b> *	21	25	12.5	54.0

Note: all measurements include handles

\* customer to specify threads required

## Dixon Northline Aluminum Butterfly Valves

This valve is made from lightweight aluminum flanges that are hard anodized to provide a longer life span. It permits safe controlled flow to the intake pump and can be used for draft situations. The body wafer is lightweight aluminum cast 356-T6 with standard 10 position lever handle. It comes furnished with a ¾" push-pull drain valve. Available with female, male threads or storz connections.

- Up to 150-300 PSI working pressure
- water way: 4½", 5", and 6" maximum
- body of valve: ASTN A-126 cast iron with standard 10-position locking style lever, ¾" push-pull drain valve, seat-buna
- finish hardcoat anodized cast aluminum bolt flanges - minimum thickness 0.001"



male x female swivel

### Butterfly Valves - Male x Female Swivel

Male	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>FMBTFLY40_40</b> *	9.5	11.0	18.0	35.0
4"	4½"	<b>FMBTFLY40_45</b> *	9.5	11.0	18.0	35.0
4"	5"	<b>FMBTFLY40_50</b> *	9.5	11.0	18.0	35.0
4"	6"	<b>FMBTFLY40_60</b> *	9.5	11.0	18.0	35.0
4½"	4"	<b>FMBTFLY45_40</b> *	9.5	11.0	18.0	40.0
4½"	4½"	<b>FMBTFLY45_45</b> *	9.5	11.0	18.0	40.0
4½"	5"	<b>FMBTFLY45_50</b> *	9.5	11.0	18.0	40.0
4½"	6"	<b>FMBTFLY45_60</b> *	9.5	11.0	18.0	40.0
5	4"	<b>FMBTFLY50_40</b> *	9.5	11.0	18.0	45.0
5	4½"	<b>FMBTFLY50_45</b> *	9.5	11.0	18.0	45.0
5	5"	<b>FMBTFLY50_50</b> *	9.5	11.0	18.0	45.0
5	6"	<b>FMBTFLY50_60</b> *	9.5	11.0	18.0	45.0
6	6"	<b>FMBTFLY60_60</b> *	9.5	13.0	18.0	45.0

Note: Lever handle to center valve is 10¼". This unit can be used in either direction i.e.: inlet/outlet.

\* customer to specify threads required

## Dixon Northline Aluminum Butterfly Valves

This valve is made from lightweight aluminum flanges that are hard anodized to provide a longer life span. It permits safe controlled flow to the intake pump and can be used for draft situations. The body wafer is lightweight aluminum cast 356-T6 with a standard 10 position lever handle. It comes furnished with a 3/4" push-pull drain valve. Available with female, male threads or Storz connections.

- Up to **150-300 PSI** working pressure
- water way: 4½", 5", and 6" maximum
- body of valve - ASTN A-126 cast iron with standard 10-position locking style lever, ¾" push-pull drain valve, seat-buna
- finish hardcoat anodized cast aluminum bolt flanges - minimum thickness 0.001"

### Butterfly Valves - Storz x Female Swivel

Storz	Female Swivel	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>SFBTFLY4040</b> *	9.5	11.0	18.0	40.0
4"	4½"	<b>SFBTFLY4045</b> *	9.5	11.0	18.0	40.0
4"	5	<b>SFBTFLY4050</b> *	9.5	11.0	18.0	40.0
4"	6	<b>SFBTFLY4060</b> *	9.5	11.0	18.0	40.0
5	4	<b>SFBTFLY5040</b> *	9.5	11.0	18.0	45.0
5	4½"	<b>SFBTFLY5045</b> *	9.5	11.0	18.0	45.0
5	5	<b>SFBTFLY5050</b> *	9.5	11.0	18.0	45.0
5	6	<b>SFBTFLY5060</b> *	9.5	11.0	18.0	45.0
6	4	<b>SFBTFLY6040</b> *	9.5	13.0	18.0	45.0
6	4½"	<b>SFBTFLY6045</b> *	9.5	13.0	18.0	45.0
6	5	<b>SFBTFLY6050</b> *	9.5	13.0	18.0	45.0
6	6	<b>SFBTFLY6060</b> *	9.5	13.0	18.0	45.0



Storz x female swivel

Note: Lever handle to center valve is 10¼". This unit can be used in either direction i.e.: inlet/outlet.

\* customer to specify threads required

## Aluminum Plain Wye with Rocker Lugs

- divides one stream into two
- female swivel, two male outlets

Inlet Female thread	(2) Outlets Male	Part #	Wt. Lbs.
1" FNPSH	1" NPSH	<b>ARPW10S10S</b>	1.1
1½" NH (NST)	1" NPSH	<b>ARPW15F10S</b>	1.07
2½" NH (NST)	1½" NH (NST)	<b>ARPW25F15F</b>	---
2½" NH (NST)	1½" NH (NST)	<b>ARPW25F25F</b>	---



female inlet x  
(2) male outlets

## Forestry Grade Aluminum ¼ Turn Ball Type Wye Valves

- cast aluminum, swivel inlet, anodized body, hard-coated threads
- built to United States 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	Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	<b>FWV15F15F</b>	3.66
2½" NH (NST)	1½" NH (NST)	<b>FWV25F15F</b>	4.0
2½" NH (NST)	2½" NH (NST)	<b>FWV25F25F</b>	11.3



female inlet x  
(2) male outlets



## Dixon Northline Aluminum 2-Way Siamese

This lightweight, compact Wye is used to supply large diameter hose from two smaller lines. It comes complete with clapper (removable if required), swivel Storz connection and (2) 2½" female swivels. The Siamese is hard coat anodized throughout. It can be used to distribute water in the opposite direction.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: 2 inlet side - 2½" maximum, 1 outlet - 4½" maximum
- body of siamese: high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"



Storz x (2) female swivel

Inlet Storz	(2) Inlet	Part #	Length	Width	Height	Wt. Lbs.
4"	2½" Female Swivel	<b>FSSV425</b> *	9.50	9.25	6.0	8.0
5"	2½" Female Swivel	<b>FSSV525</b> *	10.00	9.00	7.5	9.5
6"	2½" Female Swivel	<b>FSSV625</b> *				
4"	2½" Male	<b>MSSV425</b> *	9.25	8.00	6.0	7.0
5"	2½" Male	<b>MSSV525</b> *	9.50	8.00	7.5	8.5
6"	2½" Male	<b>MSSV625</b> *				
4"	2½" Storz	<b>SSV425SZ</b>	8.75	9.50	6.0	8.0
5"	2½" Storz	<b>SSV525SZ</b>	9.5	9.50	7.5	9.0
6"	2½" Storz	<b>SSV625SZ</b>	10.25	9.5	9.0	10.0

Note: all measurements include handles  
 \* customer to specify threads required

## Dixon Northline Aluminum 3-Way Siamese

This lightweight, compact 3 way Siamese is used to supply large diameter hose from multiple smaller lines. It comes complete with removable clapper and has a convenient carrying handle built on to the body. This Siamese is available with Storz connections or threaded combinations. It can be used to distribute water in the opposite direction.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: 3 inlet side - 2½" maximum, 1 outlet - 4½" maximum.
- body of siamese: high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"



Storz x (3) female swivel

Inlet Storz	(3) Inlet	Part #	Length	Width	Height	Wt. Lbs.
4"	2½" Female Swivel	<b>FSSV3-425</b> *	12.50	13.75	7.5	15.0
5"	2½" Female Swivel	<b>FSSV3-525</b> *	12.50	13.75	8.0	16.5
6"	2½" Female Swivel	<b>FSSV3-625</b> *	---	---	---	---
4"	2½" Storz	<b>SSV3-425SZ</b>	11.50	13.75	7.5	14.5
5"	2½" Storz	<b>SSV3-525SZ</b>	11.50	13.75	8.0	15.5
6"	2½" Storz	<b>SSV3-625SZ</b>	11.50	13.75	8.5	16.5
4"	2½" Male	<b>MSSV3-425</b> *	11.75	13.25	7.5	13.5
5"	2½" Male	<b>MSSV3-525</b> *	11.75	13.25	8.0	14.5
6"	2½" Male	<b>MSSV3-625</b> *	---	---	---	---

Note: all measurements include handles  
 \* customer to specify threads required

## Dixon Northline Aluminum 4-Way Siamese

This lightweight, compact 4 way Siamese is used to supply large diameter hose from multiple smaller lines. It comes complete with removable clapper and has a convenient carrying handle built on to the body. This Siamese is available with Storz connections or threaded combinations. It can be used to distribute water in the opposite direction.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: 4 inlet side - 2½" maximum, 1 outlet - 4½" maximum.
- body of siamese: high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"



Storz x (4) female swivel

Inlet Storz	(4) Inlet	Part #	Length	Width	Height	Wt. Lbs.
4"	2½" Female Swivel	<b>FSSV4-425</b> *	13.50	18.00	7.5	19.0
5"	2½" Female Swivel	<b>FSSV4-525</b> *	13.50	18.00	8.0	19.5
6"	2½" Female Swivel	<b>FSSV4-625</b> *				
4"	2½" Storz	<b>SSV4-425SZ</b>	12.50	17.25	7.5	18.0
5"	2½" Storz	<b>SSV4-525SZ</b>	12.50	17.25	8.0	18.5
6"	2½" Storz	<b>SSV4-625SZ</b>	12.50	17.25	8.5	19.0
4"	2½" Male	<b>MSSV4-425</b> *	12.75	16.75	7.5	17.0
5"	2½" Male	<b>MSSV4-525</b> *	12.75	16.75	8.0	17.5
6"	2½" Male	<b>MSSV4-625</b> *				

Note: all measurements include handles

\* customer to specify threads required

## Dixon Northline Aluminum Jumbo Siamese

This jumbo "collector" is used to supply one large diameter hose from two large diameter hose lines. The jumbo Siamese is equipped with a removable clapper and is hard coat anodized throughout. Sometimes referred to as a jumbo wye, this Siamese is available with Storz fittings or threaded combinations. It can be used to distribute water in the opposite direction.

- **425 PSI** test pressure, **280 PSI** working pressure without relief valve, **750 PSI** minimum burst pressure
- water way: 2 inlet side - 4" maximum, 1 outlet - 4½" maximum.
- body of siamese: high strength aluminum alloy, 356-T6
- finish hardcoat anodized throughout - minimum thickness 0.001"



Storz x (2) Storz

Inlet Storz	(2) Inlet Storz	Part #	Length	Width	Height	Wt. Lbs.
4"	4"	<b>SSVJ440</b>	12.50	13.25	6.5	15.0
5"	4"	<b>SSVJ540</b>	12.75	13.25	8.0	16.0
5"	5"	<b>SSVJ550</b>	13.75	13.25	8.0	19.0

Note: all measurements include handles

## Single Inlet Residential Sprinkler Connections

23-197

- A complete single inlet connection, exposed type for residential 'automatic' sprinkler systems.
- material: *cast brass*

Complete unit consists of:

- (1) 17-127 1-1/2" pin lug plug with chain
- (1) 24-209 4-7/16" O.D. round escutcheon plate, with swivel



sprinkler connection  
23-197

Inlet Female NH (NST)	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>RIC150F</b>	23-197-00001	1.75

## Single Inlet Connections

23-196

Provides a complete exposed single inlet connection.

- material: *cast brass standard*
- finish: -P polished or -C polished chrome plated

Complete unit consists of:

- (1) 24-209 round plate branded 'Standpipe' or 'Auto-Sprkr'
- (1) 23-270 double female or 09-215 male and female connection
- rigid hexagon end of either connection is 2½" NPT
- swivel end is female 2½" thread
- (1) 17-127 pin lug plug with chain



inlet connection  
23-196

Inlet Female NH (NST)	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>SIC250F</b>	23-196-00001	7.6
2½"	2½"	<b>SIC250F-P</b>	23-196-00002	7.6
2½"	2½"	<b>SIC250F-C</b>	23-196-00003	7.6

## Single Hydrant Connections

23-283

- material: *cast brass*
- 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



hydrant connection  
23-283

Inlet Female NH (NST)	Outlet Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>MOCA250F</b>	23-283-00001	5.66
2½"	2½"	<b>MOCA250F-P</b>	23-283-00002	5.66
2½"	2½"	<b>MOCA250F-C</b>	23-283-00003	5.66

## Exposed Two Way Wall Hydrant

21-195

- material: *cast brass*

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



two-way wall hydrant  
21-195

Inlet Female NPT	(2) Outlets Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
4"	2½"	<b>DMOCA40225F</b>	21-195-00001	11.00
6"	2½"	<b>DMOCA60225F</b>	21-195-00002	20.65

## Single Clapper Siamese Connections

Single swing clapper with (2) pin lug swivel inlets. Provides the required 500 GPM minimum to supplement the fire protection as an auxiliary inlet connection to the water supply. (250 GPM minimum per inlet.) The swing clapper design provides unobstructed waterway. Exposed Fire Department Connections (FDC) provide an economical method of satisfying local fire codes.

- material: *cast brass*
- branding: Auto-Spkr
- finish: -P polished or -C polished chrome plated
- U/L listed and FM approved
- for use up to **250 PSI**

### back outlet

21-201

(2) Inlets Female	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½" NH (NST)	4"	<b>SCS4025F (Italy)</b>	---	11.6
2½" NH (NST)	4"	<b>SCS4025F-D</b>	21-201-01976	19.0
2½" NYFD	4"	<b>SCS4025NYFD</b>	21-201-01992	19.0
2½"	4"	<b>SCS4025</b> *	---	19.0
2½" NH (NST)	4"	<b>ISCS4025F (China)</b>	---	7.5
---	4"	<b>ISCS4025-BODY **</b>	---	7.0



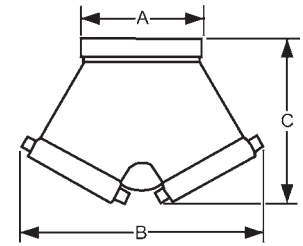
back outlet connection  
21-201

CT - Customer Thread  
 \* customer to specify thread  
 \*\* swivels can be ordered on page 50

#### Dimensions \*

Size	A	B	C
4 x 2½ x 2½	5-1/8"	9"	6-1/16"

\* Dimensions do not match imports.



### bottom outlet

21-202

(2) Inlets Female	Outlet Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½" NH (NST)	4"	<b>90SCS4025F (Italy)</b>	---	9.34
2½" NH (NST)	4"	<b>90SCS4025F-D</b>	21-202-00054	19.00
2½" NH (NST)	4"	<b>90SCS4025F-SP</b>	21-202-00066	19.00
2½" NYFD	4"	<b>90SCS4025NYFD</b>	21-202-00082	19.00
2½" CT	4"	<b>90SCS4025</b> *	---	19.00
2½" NH (NST)	4"	<b>90ISCS4025F (China)</b>	---	8.00
---	4"	<b>90ISCS4025-BODY</b>	---	7.50



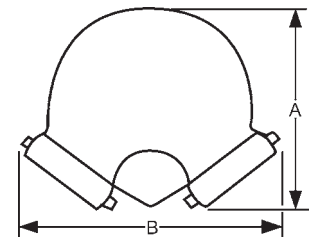
bottom outlet connection  
21-202

CT - Customer Thread  
 \* customer to specify thread

#### Dimensions \*

Size	A	B
4 x 2½ x 2½	6-7/8"	9-7/8"

\* Dimensions do not match imports.  
 \*\* swivels can be ordered on page 50







## Double Clapper Siamese Connections

Double drop clapper with (2) pin lug swivel inlets. Provides the 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 for use up to **175 PSI**.

- material: *cast brass*
- finish: -P polished or -C polished chrome plated
- branding: see below
- U/L listed and FM approved

### back outlet

21-132



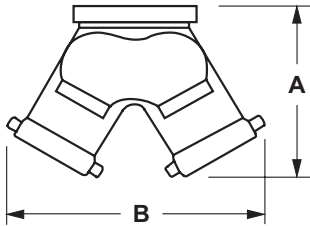
back outlet connection  
21-132

Outlet Female NPT	(2) Inlets Female	Branding	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NH(NST)	AutoSprinkler	<b>DCS4025F</b>	21-132-00016	16.0
		AutoSprinkler	<b>DCS4025F-P</b>	21-132-00017	16.0
		AutoSprinkler	<b>DCS4025F-C</b>	21-132-00018	16.0
		StandPipe	<b>DCS4025F-SP</b>	21-132-00031	16.0
		No Branding	<b>DCS4025F-NB</b>	21-132-00037	16.0
			<b>DCS4025</b> *	---	16.0
4"	2½" CT	AutoSprinkler	<b>DCS4030F</b>	21-132-00048	18.5
			<b>DCS4030NYFD</b>	21-132-00043	18.5
4"	3" NH(NST)	AutoSprinkler	<b>DCS6025F</b>	21-132-00061	22.0
		AutoSprinkler	<b>DCS6025F-SP</b>	21-132-00055	22.0
6"	2½" NH(NST)	StandPipe	<b>DCS6025</b> *	---	22.0

\* customer to specify thread

#### Dimensions

Size	A	B
4 x 2½ x 2½ <sup>1,2</sup>	9-5/8"	12-1/4"
6 x 2½ x 2½	10-1/4"	11-3/4"
4 x 3 x 3 <sup>1,3</sup>	10"	12-1/2"
6 x 3 x 3 <sup>2,3</sup>	10-3/8"	12-1/2"



### bottom outlet

21-133



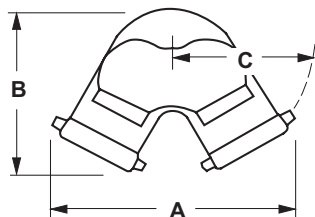
bottom outlet connection  
21-133

Outlet Female NPT	(2) Inlets Female	Branding	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NH(NST)	AutoSprinkler	<b>90DCS4025F</b>	21-133-00008	16.0
		AutoSprinkler	<b>90DCS4025F-P</b>	21-133-00010	16.0
		AutoSprinkler	<b>90DCS4025F-C</b>	21-133-00011	16.0
		StandPipe	<b>90DCS4025F-SP</b>	21-133-00023	16.0
		No Branding	<b>90DCS4025F-NB</b>	21-133-00032	16.0
			<b>90DCS4025</b> *	---	16.0
4"	2½" CT	AutoSprinkler	<b>90DCS4030F</b>	21-133-00039	19.5
			<b>90DCS4030NYFD</b>	21-133-00038	19.5
4"	3" NH(NST)	AutoSprinkler	<b>90DCS6025F</b>	21-133-00060	17.5
		AutoSprinkler	<b>90DCS6025F-SP</b>	21-133-00053	17.5
6"	2½" NH(NST)	StandPipe	<b>90DCS6025</b> *	---	17.5
6"	3" NYFD	AutoSprinkler	<b>90DCS6030NYFD</b>	21-133-00374	17.5

\* customer to specify thread

#### Dimensions

Size	A	B	C
4 x 2½ x 2½ <sup>1,2</sup>	11-3/4"	9-5/8"	7-1/4"
6 x 2½ x 2½	11-3/4"	10-3/4"	7-1/4"
4 x 3 x 3 <sup>1,3</sup>	12-1/2"	10-1/8"	7-1/2"
6 x 3 x 3 <sup>2,3</sup>	12-1/4"	10-7/8"	7-1/4"



- <sup>1</sup> Approved by Factory Mutual
- <sup>2</sup> Approved by Underwriters Laboratories
- <sup>3</sup> Approved by New York City Board of Standards and Appeals

Special threads, branding and finishes are available. Consult the factory for part number, pricing and availability.

\* swivels can be ordered on page 50

## Triple Clapper Siamese Connections

- material: *cast brass*
- branding: see below
- finish: -P polished or -C polished chrome plated
- for use up to **175 PSI**

### back outlet

21-205

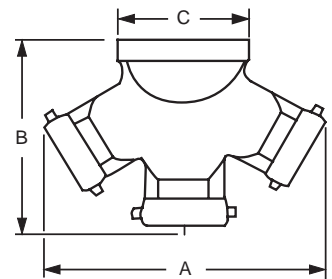
Outlet Female NPT	(3) Inlets Female NH (NST)	Branding	Part #	Powhatan Part #	Wt. Lbs.
4"	2½"	AutoSprinkler	<b>TCS4025F</b>	21-205-00003	17.0
		StandPipe	<b>TCS4025F-SP</b>	21-205-00001	17.0
		No Branding	<b>TCS4025F-NB</b>	21-205-00004	17.0
6"	2½"	AutoSprinkler	<b>TCS6025F</b>	21-205-00011	23.5
		StandPipe	<b>TCS6025F-SP</b>	21-205-00008	23.5
		No Branding	<b>TCS6025F-NB</b>	21-205-00029	23.5



back outlet connection  
21-205

### Dimensions

Size	A	B	C
4 x 2½ x 2½ x 2½	13-3/4"	10-1/2"	5"
6 x 2½ x 2½ x 2½	13-3/4"	10-1/2"	7-1/2"



### bottom outlet

21-206

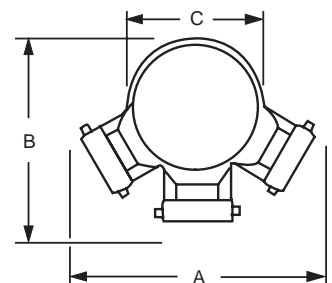
Outlet Female NPT	(3) Inlets Female NH (NST)	Branding	Part #	Powhatan Part #	Wt. Lbs.
4"	2½"	AutoSprinkler	<b>90TCS4025F</b>	21-206-00002	29
		No Branding	<b>90TCS4025F-NB</b>	21-206-00087	29
6"	2½"	AutoSprinkler	<b>90TCS6025F</b>	21-206-00018	25
		StandPipe	<b>90TCS6025F-SP</b>	21-206-00012	25
		No Branding	<b>90TCS6025F-NB</b>	21-206-00014	25



bottom outlet connection  
21-206

### Dimensions

Size	A	B	C
4 x 2½ x 2½ x 2½	14-1/2"	11-1/2"	7-5/8"
6 x 2½ x 2½ x 2½	14-1/2"	11-1/2"	7-5/8"



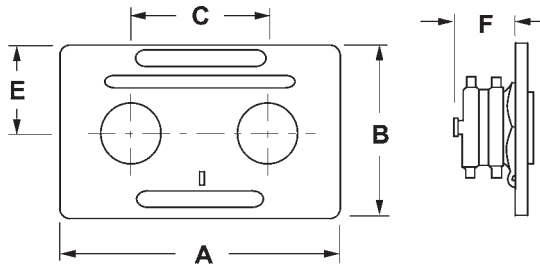
Special threads, branding and finishes are available.  
Consult the factory for part number, pricing and availability.

\* swivels can be ordered on page 50

# Double Clapper Concealed Type Siamese Assemblies

22-229

Connections C



22-229

### Dimensions

Size	A	B	C	E	F
24-385	14"	8"	7-5/8"	4-15/16	3-5/8

The model 22-229 double clapper Siamese is a 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

The unique design of clappers on the REV90 series is fully reversible with a perpendicular trunion allowing one body to be installed for top and bottom connections.

- Cast brass
- Branded: 'standpipe', 'auto-sprk', 'auto-sprk.-standpipe'
- Finish: cast, polished or polished chrome
- For use up to **250 PSI**

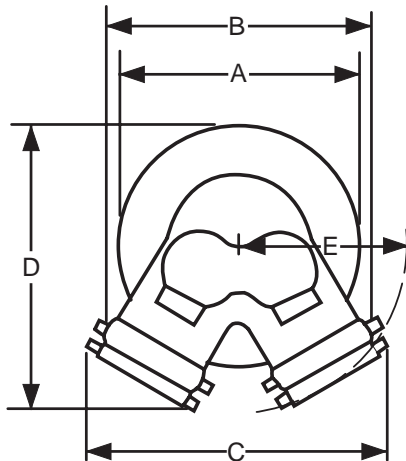
-**P** polished  
 -**C** polished chrome plated

Outlet Female NPT	(2) Inlets Female NH (NST)	Branding	Dixon Part #	Powhatan Part #
4"	2½"	AutoSprinkler	<b>2WCA4025F-P</b>	22-229-00001
4"	2½"	StandPipe	<b>2WCA4025F-SP-P</b>	22-229-00002
4"	2½"	AutoSprinkler	<b>2WCA4025F-C</b>	22-229-00003
4"	2½"	StandPipe	<b>2WCA4025F-SP-C</b>	22-229-00004
4"	3"	AutoSprinkler	<b>2WCA4030F-P</b>	22-229-00009
6"	2½"	AutoSprinkler	<b>2WCA6025F-P</b>	22-229-00005
6"	2½"	StandPipe	<b>2WCA6025F-SP-P</b>	22-229-00006
6"	2½"	AutoSprinkler	<b>2WCA6025F-C</b>	22-229-00007
6"	2½"	StandPipe	<b>2WCA6025F-SP-C</b>	22-229-00008

- Other branding and finishes are also available, consult the factory for pricing and availability

# Two Way Sidewalk Siamese Assembly

21-207



21-207

### Dimensions

Size	A	B	C	E	F
4 x 2½ x 2½	9¼	10-3/8	10¾	10-3/8	6-5/8
6 x 2½ x 2½	11¼	10½	11¾	13	7¼

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

- Listed by Underwriters Laboratories
- Factory Mutual approved

- P polished
- C polished chrome plated

Outlet Female NPT	(2) Inlets Female NH (NST)	Dixon Part #	Powhatan Part #
4"	2½"	<b>2WSA4025F</b>	21-207-00001
4"	2½"	<b>2WSA4025F-P</b>	21-207-00003
4"	2½"	<b>2WSA4025F-C</b>	21-207-00005
4"	2½"	<b>2WSA4025F-SP</b>	21-207-00002
4"	2½"	<b>2WSA4025F-SP-P</b>	21-207-00004
4"	2½"	<b>2WSA4025F-SP-C</b>	21-207-00006
6"	2½"	<b>2WSA6025F</b>	21-207-00007
6"	2½"	<b>2WSA6025F-P</b>	21-207-00009
6"	2½"	<b>2WSA6025F-C</b>	21-207-00011
6"	2½"	<b>2WSA6025F-SP</b>	21-207-00008
6"	2½"	<b>2WSA6025F-SP-P</b>	21-207-00010
6"	2½"	<b>2WSA6025F-SP-C</b>	21-207-00012



# UL Two Way Male Outlet - Roof Connections

26-294 / 26-296

Used to create roof connections, fire pump test connections, wall hydrants or sidewalk (free standing) hydrants. Provides 250 GPM minimum per outlet.

- material: *cast brass*
- U/L listed
- for use up to **175 PSI**

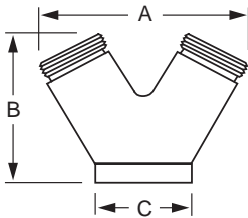
Connections C

## back outlet

26-294



back outlet connection  
26-294



Pipe Size	(2) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NPT	<b>IRC4025</b>	---	9.50
	2½" NPT	<b>FRC4025-D</b>	26-294-00001	9.50
	2½" NH (NST)	<b>IRC4025F</b>	---	9.50
	2½" NH (NST)	<b>FRC4025F-D</b>	26-294-00003	9.50
	2½" CT	<b>FRC4025</b> *	---	9.50
6"	2½" NPT	<b>FRC6025</b>	26-294-00010	14.25
	2½" NH (NST)	<b>FRC6025F</b>	26-294-00011	14.25
	2½" NYFD	<b>FRC6025NYFD</b>	26-294-00108	14.25
	2½" CT	<b>FRC6025</b> *	---	14.25

\* customer to specify thread

Groove Size	(2) Outlets Male	Part #	Wt. Lbs.
4"	2½" MNPT	<b>IRC4025G</b>	7.05
4"	2½" MNST	<b>IRC4025GF</b>	7.05

### Dimensions

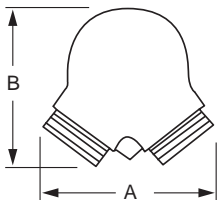
Size	A	B	C
4 x 2½ x 2½	7-7/8"	5-3/16"	5-1/4"
6 x 2½ x 2½	8-3/16"	6-3/8"	7-5/8"

## bottom outlet

26-296



bottom outlet connection  
26-296



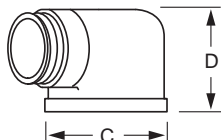
Pipe Size	(2) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NPT	<b>90IRC4025</b>	---	6.00
	2½" NPT	<b>90FRC4025-D</b>	26-296-00002	8.25
	2½" NH (NST)	<b>90IRC4025F</b>	---	6.00
	2½" NH (NST)	<b>90FRC4025F-D</b>	26-296-00003	8.25
	2½" CT	<b>90FRC4025</b> *	---	8.25
6"	2½" NPT	<b>90FRC6025</b>	26-296-00008	15.80
	2½" NH (NST)	<b>90FRC6025F</b>	26-296-00011	15.80
	2½" CT	<b>90FRC6025</b> *	---	15.80

\* customer to specify thread

Groove Size	(2) Outlets Male	Part #	Wt. Lbs.
4"	2½" MNPT	<b>90IRC4025G</b>	7.05
4"	2½" MNST	<b>90IRC4025GF</b>	7.05

### Dimensions

Size	A	B	C	D
4 x 2½ x 2½	7-1/2"	6-3/4"	5-1/8"	4-1/2"
6 x 2½ x 2½	9"	8-1/2"	7-1/2"	5"



# Three Way Male Outlet - Roof Connections

26-295 / 26-297

Used to create roof connections, or fire pump test connections. Provides 250 GPM minimum per outlet.

- material: cast brass

## back outlet

26-295

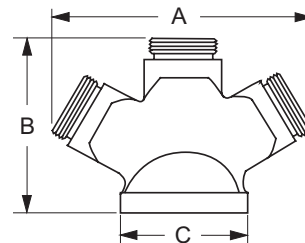
Pipe Size	(3) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NPT	<b>FR3C4025</b>	26-295-00001	12
6"	2½" NPT	<b>FR3C6025</b>	26-295-00005	24
	2½" NH (NST)	<b>FR3C6025F</b>	26-295-00014	24



back outlet connection  
26-295

### Dimensions

Size	A	B	C
4 x 2½ x 2½ x 2½	12-3/4"	8-3/4"	5-1/4"
6 x 2½ x 2½ x 2½	15-3/8"	9-3/4"	7-5/8"



## bottom outlet

26-297

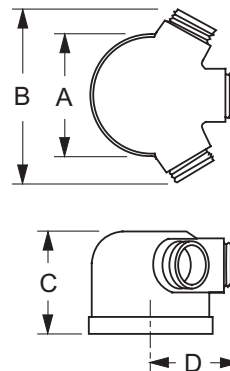
Pipe Size	(3) Outlets Male	Part #	Powhatan Part #	Wt. Lbs.
4"	2½" NPT	<b>90FR3C4025</b>	26-297-00001	23.25
	2½" NH (NST)	<b>90FR3C4025F</b>	26-297-00014	23.25
6"	2½" NPT	<b>90FR3C6025</b>	26-297-00005	16.25
	2½" NH (NST)	<b>90FR3C6025F</b>	26-297-00006	16.25



bottom outlet connection  
26-297

### Dimensions

Size	A	B	C	D
4 x 2½ x 2½ x 2½	11-3/4"	7-3/4"	4-7/16"	6-1/4"
6 x 2½ x 2½ x 2½	11-3/4"	7-3/4"	4-7/16"	6-1/4"



## Sleeve for Sidewalk (free standing) Connections

23-404

Used in conjunction with a sidewalk escutcheon and a 90° double clapper Siamese to create a sidewalk (free standing) fire department connection.

- material: *cast brass*
- finish: -P polished, -C polished chrome plated



sleeve  
23-404

Pipe Size	Length	Part #	Powhatan Part #	Wt. Lbs.
4"	18"	<b>SS418-P</b>	23-404-00003	7
	18"	<b>SS418-C</b>	23-404-00005	7
	24"	<b>SS424-P</b>	23-404-00014	9
	24"	<b>SS424-C</b>	23-404-00124	9
	6"	18"	<b>SS618-P</b>	23-404-00011
	18"	<b>SS618-C</b>	23-404-00012	8

## Round Identification Plates

24-209

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
- branded: 'standpipe', 'auto-sprkr', 'auto-sprkr.-standpipe'
- material: *cast brass*
- finish: -P polished, -C polished chrome plated



identification plate  
24-209

Pipe Size	Branding	Part #	Powhatan Part #	Wt. Lbs.
2½"	Auto-Sprinkler	<b>REP250AS</b>	24-209-00347	2.5
	Auto-Sprinkler	<b>REP250AS-P</b>	24-209-00319	2.5
	Auto-Sprinkler	<b>REP250AS-C</b>	24-209-00364	2.5
	Wall Hydrant	<b>REP250HY</b>	24-209-00266	2.5
	Pump Test	<b>REP250PT</b>	24-209-00404	2.5
	Standpipe	<b>REP250SP</b>	24-209-00360	2.5
	Standpipe	<b>REP250SP-P</b>	24-209-00248	2.5
	Standpipe	<b>REP250SP-C</b>	24-209-00466	2.5
	4"	Auto-Sprinkler	<b>REP400AS</b>	24-209-00283
Auto-Sprinkler		<b>REP400AS-P</b>	24-209-00285	3.0
Auto-Sprinkler		<b>REP400AS-C</b>	24-209-00286	3.0
Wall Hydrant		<b>REP400HY</b>	24-209-00310	3.0
Standpipe		<b>REP400SP</b>	24-209-00287	3.0
Standpipe		<b>REP400SP-P</b>	24-209-00289	3.0
Standpipe		<b>REP400SP-C</b>	24-209-00290	3.0
Auto-Sprinkler & Standpipe		<b>REP400AS/SP</b>	24-209-00307	3.0
6"	Auto-Sprinkler	<b>REP600AS</b>	24-209-00299	4.0
	Auto-Sprinkler	<b>REP600AS-P</b>	24-209-00301	4.0
	Auto-Sprinkler	<b>REP600AS-C</b>	24-209-00480	4.0
	Standpipe	<b>REP600SP</b>	24-209-00303	4.0
	Standpipe	<b>REP600SP-P</b>	24-209-00305	4.0
	Standpipe	<b>REP600SP-C</b>	24-209-00302	4.0

## Dimensions

Size	OD	Hole Size
2½"	7-5/8"	3-1/4"
4"	9-1/4"	4-5/8"
6"	11-1/4"	6-3/4"

# Concealed Two Way Wall Hydrant Body

23-387 / 23-388

Concealed clappered body fire department connections to supplement the fire protection water supply, provide 500 GPM, minimums at 250 GPM per inlet (ref NFPA 14). Drop clappers provide unobstructed waterway. The flush design is desirable when appearance is a factor.

- material: *brass*
- U/L listed
- double clapper
- 7-5/8" center-line

## back outlet

23-387

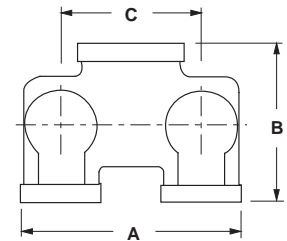
Outlet Female NPT	(2) Inlets Female NPT	Part #	Powhatan Part #	Wt. Lbs.
4"	2½"	<b>CDMHCB40225</b>	23-387-00002	19
4"	3"	<b>CDMHCB40230</b>	23-387-00003	22
5"	3"	<b>CDMHCB50230</b>	23-387-00005	39
6"	2½"	<b>CDMHCB60225</b>	23-387-00006	20
6"	3"	<b>CDMHCB60230</b>	23-387-00007	39



back outlet concealed body  
23-387

### 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

23-388

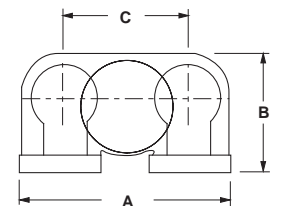
Outlet Female NPT	(2) Inlets Female NPT	Part #	Powhatan Part #	Wt. Lbs.
5"	3"	<b>90CDMHCB50230</b>	23-388-00006	41.30
6"	2½"	<b>90CDMHCB60225</b>	23-388-00007	37.00
6"	3"	<b>90CDMHCB60230</b>	23-388-00008	41.00



bottom outlet concealed body  
23-388

### Dimensions

Size	A	B	C
5 x 3 x 3	12"	9-1/2"	7-5/8"
6 x 2½ x 2½	12"	7-1/4"	7-5/8"
6 x 3 x 3	12"	9-1/2"	7-5/8"



Bodies require wall plate WP2 (24-385).  
see page 47





## Reversible Concealed Angle Siamese Body

23-393

The unique design of clappers is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections.

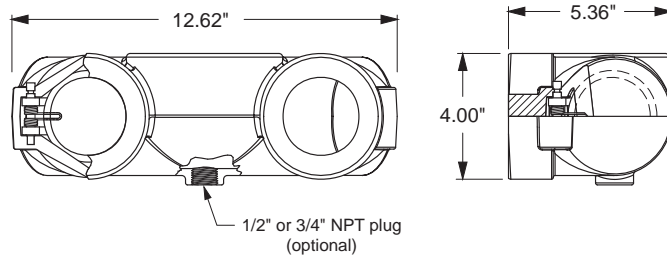
- material: *brass*
- U/L listed
- approved by New York City Board of Standards and Appeals
- for use up to **250 PSI**



reversible concealed body  
23-393

Outlet Female NPT	(2) Inlets Female NPT	Part #	Powhatan Part #	Wt. Lbs.
4"	2½"	<b>4025REV90</b>	23-393-00001	19
4"	3"	<b>4030REV90</b>	23-393-00002	19

### Dimensions



## Reversible Concealed Angle Siamese Body

(9" Centers)

The unique design of clappers is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections.

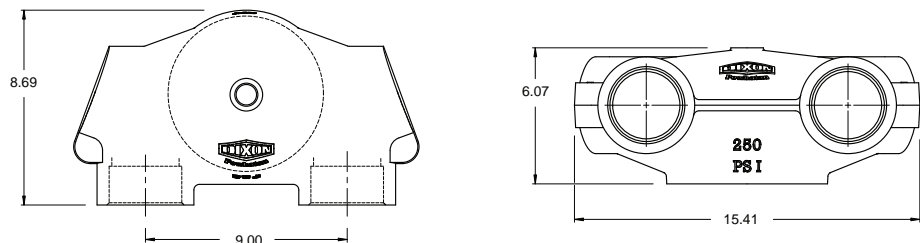
- material: *brass*  
also available in stainless steel, consult factory for details
- for use up to **250 PSI**
- for new construction



reversible concealed body

Outlet Female NPT	(2) Inlets Female NPT	Part #	Wt. Lbs.
5"	2½"	<b>5025REV90</b>	30
	3"	<b>5030REV90</b>	28
6"	2½"	<b>6025REV90</b>	27
	3"	<b>6030REV90</b>	25

### Dimensions



Bodies require wall plate 9WP.  
see page 47

# Reversible Concealed Angle Siamese Body

(7-5/8" Centers)

The unique design of clappers is fully reversible with a perpendicular trunnion allowing one body to be installed for top and bottom connections.

- replaced 23-391 bodies
- material: *brass*
- for use up to **250 PSI**

**New  
for 2012**

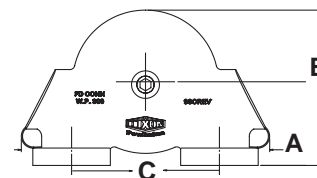
Outlet Female NPT	(2) Inlets Female NPT	Part #	Wt. Lbs.
5"	2½"	<b>90CREV5025</b>	30
5"	3"	<b>90CREV5030</b>	28
6"	2½"	<b>90CREV6025</b>	27
6"	3"	<b>90CREV6030</b>	25



reversible concealed body

## Dimensions

Size	A	B	C
5 x 3 x 3	12"	9-1/2"	7-5/8"
6 x 2½ x 2½	12"	7-1/4"	7-5/8"
6 x 3 x 3	12"	9-1/2"	7-5/8"



Bodies require wall plate WP2  
see page 47

# FDC Pump Connections and Hose Valve Headers

## Pump Test Header

Connections



Pump Test Header

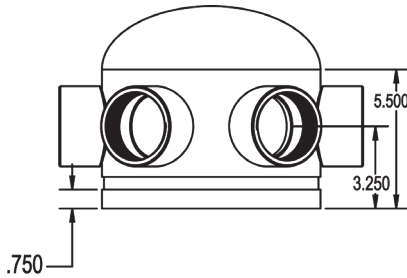
Dixon Powhatan offers grooved, flanged and threaded steel bodies for the fire protection market. The samples below represent common configurations, however custom assemblies are available. Please consult our customer service department to order (877.712.6179). We will ask you for the following:

1. Outlets - number, size thread
2. Inlets - configuration, size, thread (if applicable), location (end, back, angle)
3. Material - galvanized steel, stainless steel
4. Finish - epoxy paint, powder coat, color

- certified D1, G1, G6

End Connection		End Size		# of Outlets		Size Outlets		GPM	
G	Grooved	04	4"	02	2 way	25	2½" FNPT	4" 2-way	500
F	Flanged	06	6"	03	3 way	30	3" FNPT	6" 3-way	750
---	---	08	8"	04	4 way	---	---	8" 4-way	1000
---	---	10	10"	06	6 way	---	---	10" 6-way	1500

### Dimensions



### Model Number Breakdown

HVG0402-25



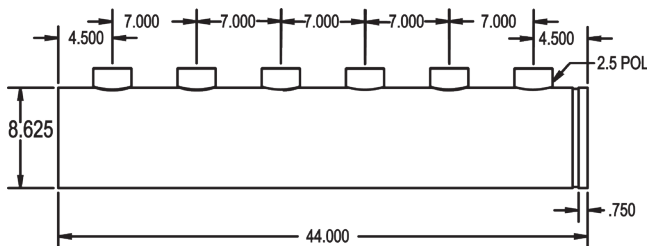
## Manifolds



Manifolds

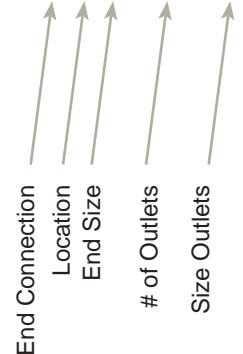
End Connection		Location		End Size		# of Outlets		Outlet Size	
T	Threaded	E	End	40	4"	20	2	25	2½" FNPT
G	Grooved	B	Back	60	6"	30	3	30	3" FNPT
F	Flanged	9	90°	80	8"	40	4		
						60	6		

### Dimensions



### Model Number Breakdown

T98060-30



## Wall Plate for Double Clapper Siamese Assemblies

24-385

- material: *brass*
- finish: -P polished, -C polished chrome plated

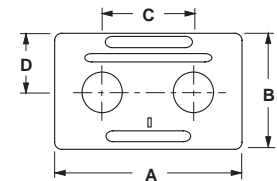
Hole Size	Branding	Part #	Powhatan Part #	Wt. Lbs.
3-3/8"	AutoSprinkler	<b>WP2HAS-P</b>	24-385-00228	3
	AutoSprinkler	<b>WP2HAS-C</b>	24-385-00236	3
3-3/8"	StandPipe	<b>WP2HSP-P</b>	24-385-00237	3
	StandPipe	<b>WP2HSP-C</b>	24-385-00229	3
3-3/8"	AutoSprinkler StandPipe Combo	<b>WP2H-ASSP-P</b>	---	3
	AutoSprinkler StandPipe Combo	<b>WPSH-ASSP-C</b>	---	3
3-3/8"	Hydrant	<b>WP2H-HY-P</b>	---	3
	Hydrant	<b>WP2H-HY-C</b>	---	3
3-3/8"	PumpTest	<b>WP2H-PT-P</b>	---	3
	PumpTest	<b>WP2H-PT-C</b>	---	3



wall plate  
24-385

### Dimensions

Hole Size	A	B	C	D
3 3/8"	14"	8"	7-5/8"	4-15/16"

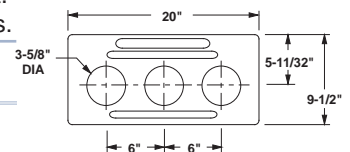


## Wall Plate for Concealed Three Way Bodies

24-393

- material: *cast brass*
- finish: -P polished, -C polished chrome plated

# of holes	Positioned	Branding	Part #	Powhatan Part #	Wt. Lbs.
3	Horizontal	AutoSprinkler	<b>WP3HAS-P</b>	24-393-00074	3
3	Horizontal	AutoSprinkler	<b>WP3HAS-C</b>	24-393-00079	3
3	Horizontal	StandPipe	<b>WP3HSP-P</b>	---	3
3	Horizontal	StandPipe	<b>WP3HSP-C</b>	---	3
3	Horizontal	AutoSprinkler StandPipe Combo	<b>WPBHH-ASSP-C</b>	---	3
3	Horizontal	PumpTest	<b>WP3HH-PT-P</b>	---	3
3	Horizontal	PumpTest	<b>WP3HH-PT-C</b>	---	3
3	Vertical	AutoSprinkler StandPipe Combo	<b>WP3HV-ASSP-P</b>	---	3
3	Vertical	PumpTest	<b>WP3HV-PT-C</b>	---	3
3	Vertical	PumpTest	<b>WP3HV-PT-P</b>	---	3



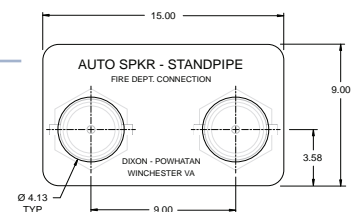
wall plate  
24-393

## Wall Plate for 5" & 6" Reversible Concealed Bodies

(9" Centers)

- material: *cast brass*
- finish: -P polished, -C polished chrome plated

Hole Size	Branding	Part #	Wt. Lbs.
4-1/8"	AutoSprinkler StandPipe Combo	<b>9WP2H-ASSP-P</b>	3.2
4-1/8"	AutoSprinkler	<b>9WP2H-AS-P</b>	3.2
4-1/8"	AutoSprinkler	<b>9WP2H-AS-C</b>	3.2





# Brass Spring Check Type Snoots - Pin Lug

25-288 / 25-289

- material: *cast brass*
- finish: -P polished, -C polished chrome plated
- Other configurations are also available. Consult the factory for pricing and availability.
- for use up to **175 PSI**

## female outlet

25-288

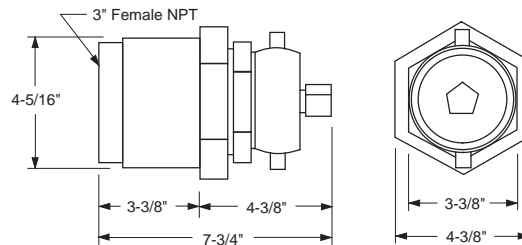
- female NPT rigid with hexagon by 2½" female hose thread to swivel
- connections are attached to the 25-416 or 25-417 bodies with pipe nipples (not included)



female x female  
25-288

Outlet Female NPT	Inlet Female NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
3"	2½"	<b>CSSTF25F30T-P</b>	25-288-00002	14.5
3"	2½"	<b>CSSTF25F30T-C</b>	25-288-00003	14.5
3"	3"	<b>CSSTF30F30T-P</b>	25-288-00007	12

### Dimensions



## male outlet

25-289

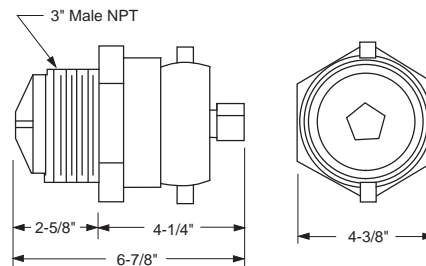
- male NPT x 2½" female hose thread to swivel
- used when a direct connection to 25-416 or 25-417 bodies is desired



male x female  
25-289

Outlet Male NPT	Inlet Female NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
3"	2½"	<b>CSSTM25F30T-P</b>	25-289-00001	10
3"	2½"	<b>CSSTM25F30T-C</b>	25-289-00002	10

### Dimensions



*Under no circumstances should a 25-289 check snoot be installed directly into a pipe, as this may prevent the snoot from opening. Install directly into the appropriate standpipe body only.*

## Brass Clapper Type Snoots - Pin Lug

- material: *cast brass*
- finish: -P polished, -C polished chrome plated
- Other sizes and threads are available. Consult the factory for pricing and availability.

Outlet Female NPT	Inlet Female NH (NST)	Part #	Wt. Lbs.
3"	2½"	<b>CSCTF25F30T-P</b>	8
3"	2½"	<b>CSCTF25F30T-C</b>	8



pin lug clapper type snoot  
with female outlet

Outlet Male NPT	Inlet Female NH (NST)	Part #	Wt. Lbs.
3"	2½"	<b>CSCTM25F30T-P</b>	8
3"	2½"	<b>CSCTM25F30T-C</b>	8



pin lug clapper type snoot  
with male outlet

## Brass (open snoot) Single Male Outlet with Hex

23-272

Used to connect fire hose to a standpipe or sprinkler system.

- material: *cast brass*
- finish: -P polished, -C polished chrome plated
- Other sizes and threads are available. Consult the factory for pricing and availability.

Female NPT	Male	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½" NH (NST)	<b>MOC250F-P</b>	23-272-00003	2.25
	2½" NH (NST)	<b>MOC250F-C</b>	23-272-00006	2.25
	2½" CT	<b>MOC250___*</b>	---	2.25
3"	2½" NH (NST)	<b>MOC3025F-P</b>	23-272-00023	3.00
	2½" NH (NST)	<b>MOC3025F-C</b>	23-272-00043	3.00
	2½" CT	<b>MOC3025___*</b>	---	3.00
	3" NH (NST)	<b>MOC300F-P</b>	23-272-00030	3.20



male outlet with hex  
23-272

Female NPT	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½" NYC	<b>MOC250NYC-P</b>	23-272-00007	2.25
2½"	2½" NYFD	<b>MOC250NYFD-P</b>	23-272-00008	2.25

\* customer to specify thread

## Replacement Brass Swivel & Accessories

- 2½" and 3" replacement brass swivels for Dixon Powhatan FDC
- finish: -P polished, -C polished chrome plated



brass swivel

Size	Thread	Part #	Wt. Lbs.
2½"	NPSH (2.84x8)	<b>PSNP250S</b>	1.3
2½"	NST (3.07x7.5)	<b>PSNP250NST</b>	1.3
2½"	NYC/BA (3.00x8)	<b>PSNP250NYC</b>	1.3
2½"	NYFD (3.03x8)	<b>PSNP250NYFD</b>	1.3
2½"	CSA (3.125x5)	<b>PSNP2503.125x5</b>	1.3
2½"	QST (3.031x7)	<b>PSNP2503.03x7</b>	1.3
2½"	WCT (3.25x6)	<b>PSNP2503.25x6</b>	1.3
2½"	PITT 6 (3.06X6)	<b>PSNP2503.06x6</b>	1.3
2½"	CT	<b>PSNP250__*</b>	1.3
3"	NST	<b>PSNP300NST</b>	2.0
3"	NYFD	<b>PSNP300NYFD</b>	2.0

\* customer to specify thread

### Replacement Parts

Description	Part #
2½" gasket	<b>SW250</b>
3" gasket	<b>SW300F</b>
ball bearings	<b>46-003-00001</b>
set screw	<b>46-011-00418</b>

\* 2½" requires 50 ball bearings, 3" requires 58 ball bearings

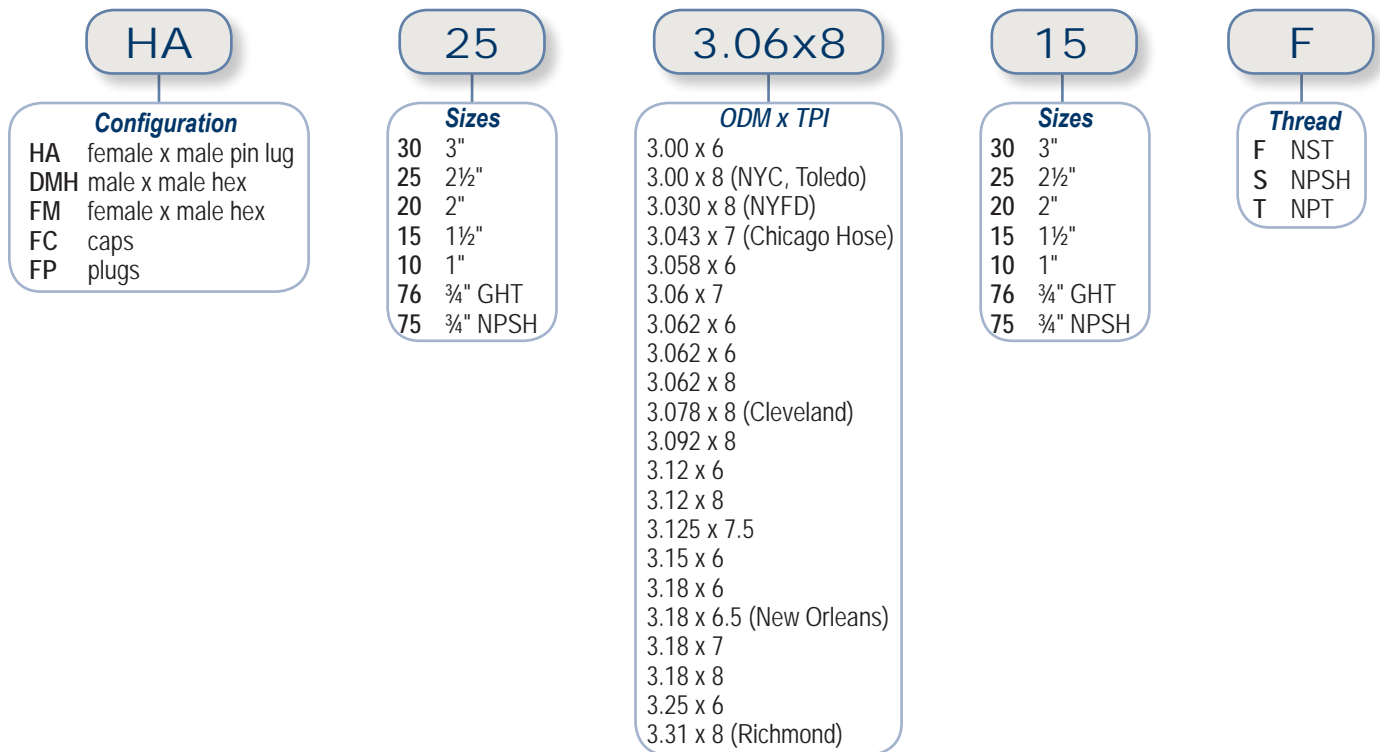
## Special Thread Program

Many cities across North America have their own 'fire hose' thread, which makes procurement a difficult and timely process. Any special city thread configuration in brass is available in **one week** . . . call for pricing and availability.

### Frequently Asked Questions

**Q** - How do I order my special thread part?

**A** - Here is a sample part number with descriptions to help explain our numbering system: HA253.06x815F.



**Q** - Do I have to order a minimum quantity?

**A** - We will take orders of a single piece to thousands of pieces. The set-up fee will be amortized over the quantity.

**Q** - What materials are special thread adapters available in?

**A** - We specialize in manufacturing brass adapters, however, we can supply aluminum configurations with various lead times.

**Q** - How can you supply special thread adapters in one week's time?

**A** - We have tooling specifically designated for special threads, and we have castings standing by for machining, gauges for testing and hydro-static test facilities for testing. We are ready to delight the customer with the fastest lead time in the business on many popular configurations we build to stock.

**Q** - Do you have other products with special threads?

**A** - Yes. We offer special thread nozzles, valves and fire department connections. If your product is brass, and you need special threads, please let us know.

**Q** - Can Dixon Powhatan make foreign threads?

**A** - Yes, if you are able to supply the ODM (outside diameter maximum) measurement and the TPI (threads per inch), we will gladly make the products for you.



## Brass Double Male Hex Nipples

- material: cast brass
- Other configurations are also available. Consult the factory for pricing and availability.

Male NPT	Male NPSH	Part #	Powhatan Part #	Wt. Lbs.
1"	¾" GHT	<b>DMH1076</b>	---	0.3
1"	1"	<b>DMH1010</b>	14-146-00042	0.3
1"	1½"	<b>DMH1015</b>	14-146-00092	0.5
1½"	¾" NPSH	<b>DMH1575</b>	---	0.5
1½"	¾" GHT	<b>DMH1576</b>	---	0.5
1½"	1"	<b>DMH1510</b>	14-146-00093	0.5
1½"	1¼"	<b>DMH1512</b>	---	.50
1½"	1½"	<b>DMH1515</b>	14-146-00110	0.6
1½"	2"	<b>DMH1520</b>	14-146-00155	0.8
2"	1½"	<b>DMH2015</b>	14-146-00153	0.7
2"	2"	<b>DMH2020</b>	14-146-00167	1.1
2"	2½"	<b>DMH2025</b>	14-146-00204	1.3
2½"	2"	<b>DMH2520</b>	14-146-00206	1.3
2½"	2½"	<b>DMH2525</b>	14-146-00226	1.3
2½"	3"	<b>DMH2530</b>	14-146-00295	1.8
3"	2½"	<b>DMH3025</b>	14-146-00290	2.1
3"	3"	<b>DMH3030</b>	14-146-00312	3.2
4"	4"	<b>DMH4040</b>	14-146-00337	5.5

Male NH (NST)	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH15F15F</b>	14-146-00132	1.0
1½"	2½"	<b>DMH15F25F</b>	14-146-00188	2.4
2½"	2½"	<b>DMH25F25F</b>	14-146-00259	1.5
2½"	3"	<b>DMH25F30F</b>	14-146-00305	2.7

Male NH (NST)	Male NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH15F15S</b>	14-146-00118	0.5

Male NPT	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
¾"	1½"	<b>DMH7515F</b>	14-146-00088	0.6
1"	1"	<b>DMH1010F</b>	14-146-01084	0.4
1"	1½"	<b>DMH1015F</b>	14-146-00090	0.6
1"	2½"	<b>DMH1025F</b>	14-146-00437	1.6
1½"	1"	<b>DMH1510F</b>	14-146-00097	0.6
1½"	1½"	<b>DMH1515F</b>	14-146-00115	0.6
1½"	2½"	<b>DMH1525F</b>	14-146-00187	2.4
2"	1½"	<b>DMH2015F</b>	14-146-00157	0.8
2"	2"	<b>DMH2020F</b>	14-146-00171	1.3
2"	2½"	<b>DMH2025F</b>	14-146-00367	1.6
2½"	1½"	<b>DMH2515F</b>	14-146-00192	2.2
2½"	2½"	<b>DMH2525F</b>	14-146-00221	1.6
2½"	3"	<b>DMH2530F</b>	14-146-00304	2.7
3"	2½"	<b>DMH3025F</b>	14-146-00294	2.4
3"	3"	<b>DMH3030F</b>	14-146-00313	3.3
4"	4"	<b>DMH4040F</b>	14-146-00339	6.6
4"	4½"	<b>DMH4045F</b>	14-146-00354	8.0
5"	5"	<b>DMH5050F</b>	14-146-00363	8.6
6"	4½"	<b>DMH6045F</b>	14-146-00364	9.2
6"	6"	<b>DMH6060F</b>	14-146-00431	10.6

Male NPT	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH15T15T</b>	14-146-00113	0.5
2½"	3"	<b>DMH25T30T</b>	14-146-00291	2.1
6"	6"	<b>DMH6060</b>	14-146-00786	10.6

D  
Brass  
Adapters



double male with hex reducer



double male with hex same size



double male with hex increaser

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Double Male Hex Nipples (Special City Threads) NYC / NYFD

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Male NPT	Male NYC	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH1515NYC</b>	14-146-00122	.79
2½"	2½"	<b>DMH2525NYC</b>	14-146-00224	1.60



double male with hex reducer

Male NPT	Male NYFD	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH1515NYFD</b>	14-146-00121	1.0
2"	2½"	<b>DMH2025NYFD</b>	14-146-00446	1.5
2½"	2½"	<b>DMH2525NYFD</b>	14-146-00229	2.0



double male with hex same size

Male NYFD	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2"	<b>DMH25NYFD20T</b>	14-146-00446	1.5

Male NH (NST)	Male NYFD	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>DMH25F25NYFD</b>	14-146-00778	2



double male with hex increaser

Male NYFD	Male NYFD	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DMH15NYFD15NYFD</b>	14-146-00136	1
2½"	2½"	<b>DMH25NYFD25NYFD</b>	14-146-00269	2

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Double Male Adapters

### Pin Lug - Brass

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Male Thread	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	<b>DMP1515F</b>	09-114-00035	1.1
2½" NH (NST)	2½" NH (NST)	<b>DMP2525F</b>	09-114-00125	2.3
2½" NH (NST)	2½" NPSH	<b>DMP25F25S</b>	09-114-00128	2.1
1½" NH (NST)	1½" NPT	<b>DMP15F15T</b>	09-114-00041	2.0
2½" NH (NST)	2½" NPT	<b>DMP25F25T</b>	09-114-00438	1.3
1½" NPSH	1½" NPSH	<b>DMP1515</b>	09-114-00075	1.0
2½" NPSH	2½" NPSH	<b>DMP2525</b>	09-114-00133	1.8
1½" NPSH	1½" NPT	<b>DMP15S15T</b>	09-114-00478	1.1

D  
Brass  
Adapters



double male with pin lugs

### Rocker Lug - Brass

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Male Thread	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½" NH (NST)	1½" NH (NST)	<b>DMR1515F</b>	09-114-00060	1.1
2½" NH (NST)	2½" NH (NST)	<b>DMR2525F</b>	09-114-00153	1.3
1½" NH (NST)	1½" NPT	<b>DMR15F15T</b>	09-114-00543	1.2
1½" NPSH	1½" NPSH	<b>DMR1515</b>	09-114-00432	0.6
2½" NPSH	2½" NPSH	<b>DMR2525</b>	09-114-00505	1.3



double male with rocker lugs

### Brass Male x Groove Adapters with Internal Lugs

- allows the conversion of a female NPT valve inlet to connect to groove piping

Male NPT	Groove Size	Length	Part #
2½"	2½"	2-3/64"	<b>VMIL250</b>
4"	4"	2-3/64"	<b>VMIL400</b>



brass male x groove adapter

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Female to Male Hex Nipples

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female NPT	Male NPSH	Part #	Powhatan Part #	Wt. Lbs.
1"	¾" GHT	<b>FM1076</b>	---	0.4
1"	1"	<b>FM1010</b>	14-155-00076	0.5
1"	1½"	<b>FM1015</b>	14-155-01767	0.6
1½"	1½"	<b>FM1515</b>	14-155-00174	0.6
2"	1½"	<b>FM2015</b>	14-155-01723	0.6
2"	2"	<b>FM2020</b>	14-155-00281	1.2
2½"	2½"	<b>FM2525</b>	14-155-00363	1.4



female to male with hex reducer

D  
Brass  
Adapters

Female NPT	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1"	1"	<b>FM1010F</b>	14-155-00080	0.5
1"	1½"	<b>FM1015F</b>	15-216-00046	0.6
1½"	1½"	<b>FM1515F</b>	14-155-00177	0.7
1½"	2½"	<b>FM1525F</b>	15-216-00090	1.9
1½"	3"	<b>FM1530F</b>	15-216-00533	2.9
2"	1½"	<b>FM2015F</b>	14-155-00265	0.6
2"	2½"	<b>FM2025F</b>	15-216-00192	1.5
2½"	1½"	<b>FM2515F</b>	14-155-00333	1.9
2½"	2½"	<b>FM2525F</b>	14-155-00359	1.6
3"	2½"	<b>FM3025F</b>	14-155-00501	2.3
3"	3"	<b>FM3030F</b>	14-155-00516	2.5
4"	2½"	<b>FM4025F</b>	14-155-00675	6.6
4"	4"	<b>FM4040F</b>	14-155-00540	6.9
4"	4½"	<b>FM4045F</b>	15-216-00172	7.6
6"	6"	<b>FM6060F</b>	14-155-00711	10.6

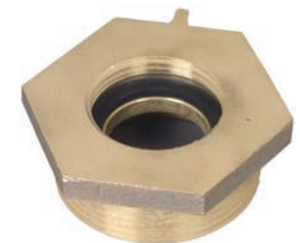


female to male with hex same size

Female NPT	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	<b>FM2525T</b>	14-155-00365	1.4
3"	2½"	<b>FM3025T</b>	14-155-00502	2.1

Female NH (NST)	Male NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>FM15F15S</b>	14-155-00198	.49
2½"	2½"	<b>FM25F25S</b>	14-155-00395	1.19

Female NPSH	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
¾" GHT	1"	<b>FM7610T</b>	---	0.3
1"	¾" GHT	<b>FM10S76</b>	14-155-00067	0.2
1"	1½"	<b>FM10S15T</b>	15-216-00043	0.5
1½"	1½"	<b>FM15S15T</b>	14-155-00175	0.5
1½"	2"	<b>FM15S20T</b>	---	0.6
2"	1½"	<b>FM20S15T</b>	---	0.6
2"	2"	<b>FM20S20T</b>	---	1.0
2"	2½"	<b>FM20S25T</b>	---	1.5
2½"	2½"	<b>FM25S25T</b>	14-155-00366	1.6



female to male with hex increaser

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Female to Male Hex Nipples

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

D  
Brass  
Adapters



female to male with hex reducer

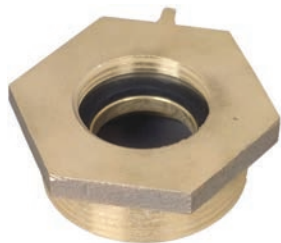
Female NPSH	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>FM15S15F</b>	14-155-00180	0.5
2"	1½"	<b>FM20S15F</b>	14-155-00267	1.1
2"	2½"	<b>FM20S25F</b>	15-216-00106	1.8
2½"	2½"	<b>FM25S25F</b>	14-155-00362	1.4
3"	2½"	<b>FM30S25F</b>	14-155-00500	1.9

Female NPSH	Male NPSH	Part #	Powhatan Part #	Wt. Lbs.
2"	1½"	<b>FM20S15</b>	14-155-00264	1.0



female to male with hex same size

Female NH (NST)	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1"	1"	<b>FM10F10T</b>	14-155-00084	0.5
1½"	1½"	<b>FM15F15T</b>	14-155-00199	0.5
1½"	2"	<b>FM15F20T</b>	15-216-00081	0.7
1½"	2½"	<b>FM15F25T</b>	15-216-00098	1.9
2½"	¾"	<b>FM25F75T</b>	14-155-00319	1.8
2½"	1"	<b>FM25F10T</b>	14-155-00324	1.6
2½"	1½"	<b>FM25F15T</b>	14-155-00328	1.7
2½"	2"	<b>FM25F20T</b>	14-155-00345	1.7
2½"	2½"	<b>FM25F25T</b>	14-155-00392	1.7
2½"	3"	<b>FM25F30T</b>	15-216-00134	1.7
3"	2½"	<b>FM30F25T</b>	14-155-00867	2.2
3"	3"	<b>FM30F30T</b>	14-155-00519	3.4
4"	4"	<b>FM40F40T</b>	14-155-00545	6.5
4½"	4"	<b>FM45F40T</b>	14-155-00561	6.1
6"	6"	<b>FM60F60T</b>	14-155-00995	10.6



female to male with hex increaser

Female NH (NST)	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>FM15F15F</b>	14-155-00197	0.5
1½"	2½"	<b>FM15F25F</b>	15-216-00097	1.8
1½"	3"	<b>FM15F30F</b>	15-216-00200	2.9
2½"	1½"	<b>FM25F15F</b>	14-155-00329	1.7
2½"	2½"	<b>FM25F25F</b>	14-155-00396	1.9
2½"	3"	<b>FM25F30F</b>	15-216-00216	1.6
3"	2½"	<b>FM30F25F</b>	14-155-00508	1.6

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.



## Brass Female to Male Hex Nipples (Special City Threads)

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female	Male	Part #	Powhatan Part #	Wt. Lbs.
1½" FNPT	1½" MNYFD	<b>FM1515NYFD</b>	14-155-00182	0.6
1½" FNST (NH)	1½" MNYFD	<b>FM15F15NYFD</b>	14-155-00201	0.6
1½" FNYFD	1½" MNST (NH)	<b>FM15NYFD15F</b>	14-155-00216	0.6
1½" FNYFD	1½" MNPT	<b>FM15NYFD15T</b>	14-155-00215	0.6



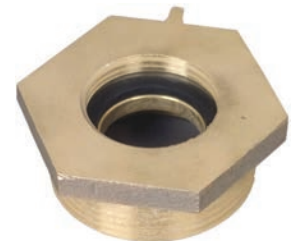
female to male with hex reducer

Female	Male	Part #	Powhatan Part #	Wt. Lbs.
2½" FNPT	2½" MNYFD	<b>FM2525NYFD</b>	14-155-00369	1.5
2½" FNST (NH)	2½" MNYC	<b>FM25F25NYC</b>	14-155-00397	1.5
2½" FNST (NH)	2½" MNYFD	<b>FM25F25NYFD</b>	14-155-00398	1.5
2½" FNYC	2½" MNST (NH)	<b>FM25NYC25F</b>	14-155-00427	1.5
2½" FNYC	2½" MNPT	<b>FM25NYC25T</b>	14-155-00425	1.5
2½" FNYFD	2½" MNST (NH)	<b>FM25NYFD25F</b>	14-155-00983	1.5
2½" FNYFD	2½" MNPT	<b>FM25NYFD25T</b>	14-155-00429	1.5
2½" FNYFD	2½" MNYFD	<b>FM25NYFD25NYFD</b>	14-155-00430	1.5



female to male with hex same size

Female	Male	Part #	Powhatan Part #	Wt. Lbs.
2½" FNYFD	1½" MNPT	<b>FM25NYFD15T</b>	14-155-01371	1.55
2½" FNYFD	2" MNPT	<b>FM25NYFD20T</b>	14-155-01761	1.55
2½" FNYFD	3" MNYFD	<b>FM25NYFD30NYFD</b>	15-216-00345	1.65
2½" FNYFD	3" MNPT	<b>FM25NYFD30T</b>	15-216-00457	1.65



female to male with hex increaser

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI

## Brass Female to Female Hex Nipples

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female Thread	Female NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½" NPT	1½"	<b>FFH1515F</b>	14-156-00053	0.8
2½" NPT	2½"	<b>FFH2525F</b>	14-156-00100	1.9
1½" NH (NST)	1½"	<b>FFH15F15F</b>	14-156-00059	0.7
2½" NH (NST)	2½"	<b>FFH25F25F</b>	14-156-00098	1.6

Female Thread	Female NYFD	Part #	Powhatan Part #	Wt. Lbs.
1½" NYFD	1½"	<b>FFH15NYFD15NYFD</b>	14-156-00060	0.8
1½" NPT	1½"	<b>FFH1515NYFD</b>	14-156-00057	1.0
2½" NPT	2½"	<b>FFH2525NYFD</b>	14-156-00127	1.6



female to female hex

Female Thread	Female Thread	Part #	Powhatan Part #	Wt. Lbs.
1½" NPT	1½" NPSH	<b>FFH15T15S</b>	14-156-00051	0.8
1½" NST	1½" NPSH	<b>FFH15F15S</b>	14-156-00054	0.8
2½" CT	2½" CT	<b>FFH25 25</b> *	---	1.6

\* customer to specify thread

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Hydrant Adapters - Pin Lug

- material: *cast brass*
- finish: -C polished chrome plated
- Other configurations are also available. Consult the factory for pricing and availability.

Female NH (NST)	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	¾" GHT	<b>HA1576</b>	09-130-00084	0.6
1½"	¾" GHT	<b>HA1576-C</b>	09-130-00061	0.6
2½"	¾" GHT	<b>HA2576</b>	09-130-00263	1.5
1½"	¾" NPSH	<b>HA1575</b>	09-130-00932	0.6
1½"	1" NPSH	<b>HA1510</b>	09-130-00095	0.6
1½"	1½" NPSH	<b>HA1515</b>	09-140-00053	0.8
2½"	1" NPSH	<b>HA2510</b>	09-130-00283	1.4
2½"	1½" NPSH	<b>HA2515</b>	09-130-00298	1.0
2½"	2" NPSH	<b>HA2520</b>	09-130-00380	1.5
2½"	2½" NPSH	<b>HA2525</b>	09-140-00268	1.6
2½"	3" NPSH	<b>HA2530</b>	09-356-00226	2.6
1½"	1" NH (NST)	<b>HA1510F</b>	09-130-00096	0.6
1½"	1½" NH (NST)	<b>HA1515F</b>	09-140-00696	0.8
1½"	2½" NH (NST)	<b>HA1525F</b>	09-356-00045	2.2
2"	2½" NH (NST)	<b>HA2025F</b>	09-356-00224	1.5
2½"	1" NH (NST)	<b>HA2510F</b>	09-130-01394	1.4
2½"	1½" NH (NST)	<b>HA2515F</b>	09-130-00297	1.1
2½"	2" NH (NST)	<b>HA2520F</b>	09-130-00382	1.6
2½"	2½" NH (NST)	<b>HA2525F</b>	09-140-00676	1.9
2½"	3" NH (NST)	<b>HA2530F</b>	09-356-00272	2.8
3"	1½" NH (NST)	<b>HA3015F</b>	09-130-01024	2.9
3"	2½" NH (NST)	<b>HA3025F</b>	09-130-00562	2.6
4"	2½" NH (NST)	<b>HA4025F</b>	09-149-00524	4.4
4½"	2½" NH (NST)	<b>HA4525F</b>	09-149-00519	5.5
1½"	¾" NPT	<b>HA1575T</b>	09-130-00083	0.6
1½"	1" NPT	<b>HA1510T</b>	09-130-01385	0.7
1½"	1½" NPT	<b>HA1515T</b>	09-140-00748	0.8
2½"	¾" NPT	<b>HA2575T</b>	09-130-00262	1.0
2½"	1" NPT	<b>HA2510T</b>	09-130-01057	1.0
2½"	1½" NPT	<b>HA2515T</b>	09-130-00299	1.1
2½"	2" NPT	<b>HA2520T</b>	09-130-00381	0.9
2½"	2½" NPT	<b>HA2525T</b>	09-140-00267	1.4
2½"	3" NPT	<b>HA2530T</b>	09-356-00331	2.6

Female NPSH	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	¾" NPT	<b>HA15S75T</b>	09-130-01933	0.6
1½"	¾" MNPSH	<b>HA15S75</b>	09-130-00088	0.6
1½"	¾" GHT	<b>HA15S76</b>	09-130-00086	0.6
1½"	1" NPSH	<b>HA15S10</b>	09-130-00092	0.6
2"	1½" NPSH	<b>HA20S15</b>	---	0.9
2½"	1½" NPSH	<b>HA25S15</b>	09-130-00303	1.1
1½"	1½" NH (NST)	<b>HA15S15F</b>	09-140-00562	0.7
2"	1½" NH (NST)	<b>HA20S15F</b>	09-130-02495	1.2
2"	2½" NH (NST)	<b>HA20S25F</b>	09-356-00213	1.9
2½"	1½" NH (NST)	<b>HA25S15F</b>	09-130-00306	1.1
2½"	2½" NH (NST)	<b>HA25S25F</b>	09-140-00618	2.0
3"	2½" NH (NST)	<b>HA30S25F</b>	09-130-02368	2.7
1½"	1" NPT	<b>HA15S10T</b>	09-130-01648	0.9
1½"	1½" NPT	<b>HA15S15T</b>	09-140-01020	1.1
2"	1½" NPT	<b>HA20S15T</b>	---	1.2
2½"	1" NPT	<b>HA25S10T</b>	09-130-01848	2.6
2½"	1½" NPT	<b>HA25S15T</b>	09-130-01510	1.2
3"	2½" NPT	<b>HA30S25T</b>	09-130-02500	2.6

Female NPT	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NPSH	<b>HA15T15S</b>	09-140-01368	0.8
1½"	1½" NH (NST)	<b>HA15T15F</b>	09-140-00668	0.8
2"	2½" NH (NST)	<b>HA20T25F</b>	09-356-00223	2.0

D  
Brass  
Adapters



hydrant with pin lugs  
reducer



hydrant with pin lugs  
same size



hydrant with pin lugs  
increaser

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Hydrant Adapters - Pin Lugs (Special City Threads)

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female NYFD	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	¾" GHT	<b>HA15NYFD76</b>	09-130-00091	.56
1½"	1½" NPT	<b>HA15NYFD15T</b>	09-140-01560	.75
2½"	¾" NPT	<b>HA25NYFD75T</b>	09-130-01761	.90
2½"	¾" GHT	<b>HA25NYFD76</b>	09-130-00271	.90
2½"	1½" NPSH	<b>HA25NYFD15S</b>	09-130-00316	1.36
2½"	1½" NST	<b>HA25NYFD15F</b>	09-130-00363	1.05
2½"	1½" NPT	<b>HA25NYFD15T</b>	09-130-01013	1.36
2½"	1½" NYFD	<b>HA25NYFD15NYFD</b>	09-130-00317	1.00
2½"	2" NPT	<b>HA25NYFD20T</b>	09-130-01735	.95
2½"	2½" NST	<b>HA25NYFD25F</b>	09-140-01205	1.67

Female NYC	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
2½"	¾" NPT	<b>HA25NYC75T</b>	09-130-02494	1.6
2½"	¾" GHT	<b>HA25NYC76</b>	09-130-00269	.92
2½"	1" NPT	<b>HA25NYC10T</b>	09-130-01240	1.45
2½"	1½" NPT	<b>HA25NYC15T</b>	09-130-00310	1.0
2½"	1½" NST	<b>HA25NYC15F</b>	09-130-00311	1.0
2½"	2" NPT	<b>HA25NYC20T</b>	09-130-01982	1.10

- NYFD thread = 3.031 x 8 TPI
- NYC thread = 3.00 x 8 TPI



hydrant with pin lugs  
reducer



hydrant with pin lugs  
same size



hydrant with pin lugs  
increaser

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Brass Hydrant Adapters - Rocker Lug

- material: *cast brass*
- finish: -C polished chrome plated
- Other configurations are also available. Consult the factory for pricing and availability.

Female NH (NST)	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	¾" GHT	<b>RHA1576</b>	09-130-00786	0.6
2½"	¾" GHT	<b>RHA2576</b>	09-130-00809	1.0
1½"	1" NPSH	<b>RHA1510</b>	09-130-00791	0.6
1½"	1½" NPSH	<b>RHA1515</b>	09-140-00077	0.9
1½"	2" NPSH	<b>RHA1520</b>	09-356-00443	0.9
2½"	1" NPSH	<b>RHA2510</b>	09-130-00919	1.4
2½"	1½" NPSH	<b>RHA2515</b>	09-130-00819	1.5
2½"	2½" NPSH	<b>RHA2525</b>	09-140-00286	1.6
1½"	1" NH (NST)	<b>RHA1510F</b>	09-130-01686	0.6
1½"	1½" NH (NST)	<b>RHA1515F</b>	09-140-00721	0.8
1½"	2½" NH (NST)	<b>RHA1525F</b>	09-356-00220	2.2
2"	2½" NH (NST)	<b>RHA2025F</b>	09-356-00267	1.4
2½"	1" NH (NST)	<b>RHA2510F</b>	09-130-01113	1.4
2½"	1½" NH (NST)	<b>RHA2515F</b>	09-130-00817	1.1
2½"	1½" NH (NST)	<b>RHA2515F-C</b>	09-130-00769	1.1
2½"	2" NH (NST)	<b>RHA2520F</b>	09-130-01211	1.8
3"	2½" NH (NST)	<b>RHA3025F</b>	09-130-00880	1.9
1½"	1" NPT	<b>RHA1510T</b>	09-130-00793	0.6
1½"	1½" NPT	<b>RHA1515T</b>	09-140-00584	0.8
2½"	1" NPT	<b>RHA2510T</b>	09-130-01697	1.4
2½"	1½" NPT	<b>RHA2515T</b>	09-130-01126	1.5
2½"	2" NPT	<b>RHA2520T</b>	09-130-00867	1.4
2½"	2½" NPT	<b>RHA2525T</b>	09-140-00952	1.6
2½"	3" NPT	<b>RHA2530T</b>	09-356-00339	2.6



hydrant with rocker lugs reducer



hydrant with rocker lugs reducer - chrome plated



hydrant with rocker lugs same size

Female NPSH	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	1" NPSH	<b>RHA15S10</b>	09-130-00796	0.6
1½"	1½" NH (NST)	<b>RHA15S15F</b>	09-140-00066	0.7
2½"	1½" NPSH	<b>RHA25S15</b>	09-130-00825	1.1
2½"	1½" NH (NST)	<b>RHA25S15F</b>	09-130-00827	1.1
2½"	2½" NH (NST)	<b>RHA25S25F</b>	09-140-00348	2.1
1½"	1" NPT	<b>RHA15S10T</b>	09-130-02412	0.6
1½"	1½" NPT	<b>RHA15S15T</b>	09-140-01661	0.9



hydrant with rocker lugs increaser

Female NPT	Male Thread	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NH (NST)	<b>RHA15T15F</b>	09-140-00809	0.9
2½"	2½" NH (NST)	<b>RHA25T25F</b>	09-140-00798	2.2

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Double Female Swivels Pin Lug - Brass

- material: *cast brass*

Female NPSH	Female NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFP1515</b>	09-115-00023	1.4
2½"	2½"	<b>DFP2525</b>	09-115-00110	4.5

Female NH (NST)	Female NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFP1515F</b>	09-115-00020	1.3
2½"	2½"	<b>DFP2525F</b>	09-115-00093	4.1

Female NH (NST)	Female NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFP15F15S</b>	09-115-00295	1.2
2½"	2½"	<b>DFP25F25S</b>	09-115-00321	4.5

Female NYFD	Female NYFD	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFP15NYFD15NYFD</b>	09-115-00295	1.4
2½"	2½"	<b>DFP25NYFD25NYFD</b>	09-115-00321	4.1

Female CT	Female Thread	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½" NPSH	<b>DFP25_25S</b>	---	4.5
2½"	2½" CT	<b>DFP25_25_</b>	---	4.5



double female swivel  
with pin lugs

D  
Brass  
Adapters

## Rocker Lug - Brass

- material: *cast brass*

Female NPSH	Female NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFR1515</b>	09-115-00036	1.2
2½"	2½"	<b>DFR2525</b>	09-115-00335	4.5

Female NH (NST)	Female NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>DFR1515F</b>	09-115-00033	1.2
2½"	2½"	<b>DFR2525F</b>	09-115-00104	4.5



double female swivel  
with rocker lugs

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.



## Brass (Open Snoot) Female Swivel Adapters - Pin Lug

23-270

Double female rigid hexagon to swivel connection. Rigid end thread is always NPT, hose thread is on swivel end. Swivel connections for 25-406 bodies. Connections are attached to the 25-406 bodies by means of pipe nipples of the required length (which are furnished by the contractor).

- material: cast brass
- finish: -P polished, -C polished chrome plated
- Other configurations are also available. Consult the factory for pricing and availability.

Female NH (NST)	Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SF150F</b>	23-270-00431	1.0
2½"	1½"	<b>SF25F15T</b>	23-270-00436	3.6
2½"	2"	<b>SF25F20T</b>	23-270-00437	2.8
2½"	2½"	<b>SF250F</b>	23-270-00008	2.9
2½"	2½"	<b>SF250F-P</b>	23-270-00006	2.8
2½"	2½"	<b>SF250F-C</b>	23-270-00009	2.9
2½"	3"	<b>SF25F30T</b>	23-270-00036	3.9
3"	3"	<b>SF300F</b>	23-270-00225	4.6
3"	3"	<b>SF300F-P</b>	23-270-00045	4.6
3"	3"	<b>SF300F-C</b>	23-270-00080	4.6
4"	4"	<b>SF400F</b>	23-270-00000	10.0



pin lug swivel adapter  
23-270

Female NPSH	Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SF150S</b>	23-270-00507	1.0
2½"	2½"	<b>SF250S</b>	23-270-00360	2.9

Female NYFD	Female NPT	Part #	Powhatan Part #	Wt. Lbs.
2½"	2"	<b>SF25NYFD20T</b>	23-270-00588	2.8
2½"	2½"	<b>SF250NYFD</b>	23-270-00300	2.9
2½"	3"	<b>SF25NYFD30T</b>	23-270-00443	3.9
3"	3"	<b>SF300NYFD</b>	23-270-00113	4.0
3"	3"	<b>SF300NYFD-C</b>	23-270-00048	4.3
3"	3"	<b>SF300NYFD-P</b>	23-270-00047	4.3

## Brass (Open Snoot) Female Swivel Adapters - Rocker Lug

23-270

- material: cast brass
- Other configurations are also available. Consult the factory for pricing and availability.



rocker lug swivel adapter  
23-270

Female NH (NST)	Female NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>RSF150F</b>	23-270-00397	1.0
2½"	1½"	<b>RSF25F15T</b>	23-270-00592	4.9
2½"	2"	<b>RSF25F20T</b>	23-270-00371	3.7
2½"	2½"	<b>RSF250F</b>	23-270-00352	3.8
2½"	3"	<b>RSF25F30T</b>	23-270-00346	4.7

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided on this page are for quick reference purposes.

## Rocker Lug - Brass Suction with Screens

- cast brass finish
- suction intake with strainer screen

Female Thread	Female NPT	Part #	Wt. Lbs.
2½" NH (NST)	1½"	<b><i>RSFSA25F15T</i></b>	3.2
2½" NH (NST)	2"	<b><i>RSFSA25F20T</i></b>	2.7
2½" NH (NST)	2½"	<b><i>RSFSA250F</i></b>	3.2
2½" NH (NST)	3"	<b><i>RSFSA25F30T</i></b>	4.3

Female CT	Female NPT	Part #	Wt. Lbs.
2½"	1½"	<b><i>RSFSA25_15T</i></b>	3.2
2½"	2"	<b><i>RSFSA25_20T</i></b>	2.7
2½"	2½"	<b><i>RSFSA25_25T</i></b>	3.2
2½"	3"	<b><i>RSFSA25_30T</i></b>	4.3



female swivel adapter with rocker lugs

D  
Brass  
Adapters

## Rocker Lug - Suction with Screen

- cast brass finish
- suction intake with strainer screen

Female NST (NH) Thread	Male NPT Thread	Part #	Wt. Lbs.
2½"	1½"	<b><i>RSMSA25F15T</i></b>	3.03
2½"	2"	<b><i>RSMSA25F20T</i></b>	3.28
2½"	2½"	<b><i>RSMSA250F</i></b>	3.06
2½"	3"	<b><i>RSMSA25F30T</i></b>	4.23



male swivel adapter with rocker lugs

## Brass Male Swivel Suction Adapter with Screen - Rocker Lug

- cast brass finish
- suction intake with strainer screen

Female CT	Male NPT Thread	Part #	Wt. Lbs.
2½"	1½"	<b><i>RSMSA25_15T</i></b>	3.03
2½"	2"	<b><i>RSMSA25_20T</i></b>	3.28
2½"	2½"	<b><i>RSMSA25_25T</i></b>	3.06
2½"	3"	<b><i>RSMSA25_30T</i></b>	4.23



male swivel adapter with rocker lugs

## Male Swivel Adapters

### Pin Lug - Brass

- material: cast brass

Female NH (NST)	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SM150F</b>	09-215-00277	1.0
2½"	1½"	<b>SM25F15T</b>	09-215-00367	3.6
2½"	2"	<b>SM25F20T</b>	09-215-00140	2.7
2½"	2½"	<b>SM250F</b>	09-215-00279	2.8
2½"	3"	<b>SM25F30T</b>	09-215-00110	3.0
4"	4"	<b>SM400F</b>	09-215-10000	9.0

Female NPSH	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SM150S</b>	09-215-00368	0.1
2"	2"	<b>SM200S</b>	09-215-00778	0.1
2½"	2½"	<b>SM250S</b>	09-215-00059	0.1

Female	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½" NPSH	1½"	<b>SM15S15F</b>	09-215-00399	1.0
2½" NST	3"	<b>SM25F30F</b>	09-215-00255	3.0

Female CT *	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>SM25_15T</b>	---	1.0
2½"	2"	<b>SM25_20T</b>	---	2.7
2½"	2½"	<b>SM250_</b>	---	2.8
2½"	3"	<b>SM25_30T</b>	---	3.0

Female	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½" NYFD	1½"	<b>SM150NYFD</b>	09-215-00494	1.0
2½" NYC	2½"	<b>SM250NYC</b>	09-215-00613	2.8
2½" NYFD	2½"	<b>SM250NYFD</b>	09-215-00550	2.8

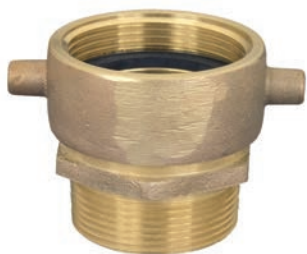
\* customer designated thread

### Rocker Lug - Brass

- material: cast brass

Female NH (NST)	Male NPT	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½"	<b>RSM150F</b>	09-215-00382	0.9
2½"	2"	<b>RSM25F20T</b>	09-215-00294	3.2
2½"	2½"	<b>RSM250F</b>	09-215-00306	3.2
2½"	3"	<b>RSM25F30T</b>	09-215-00290	4.3

D  
Brass  
Adapters



male swivel adapter with pin lugs



male swivel adapter with rocker lugs

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## British Instantaneous Fittings

- meets BS336 specifications
- 15 Bar or 217 **PSI**

### Adapters

#### British Instantaneous female x female threads

Size		Brass Part #	Wt.
Female	Male		
2½" FBRIT	2½" FNST	<b>BID250F</b> <b>BID250S</b> <b>BID250T</b> <b>BID250B</b>	3 lbs. 10 ozs.
2½" FBRIT	2½" FNPSH		
2½" FBRIT	2½" FNPT		
2½" FBRIT	2½" FBSP		



female x female

#### British Instantaneous female x male threads

Size		Brass Part #	Wt.
Female	Male		
2½" FBRIT	2½" MNST	<b>BIB250F</b> <b>BIB250S</b> <b>BIB250T</b> <b>BIB250B</b>	3 lbs. 5 ozs.
2½" FBRIT	2½" MNPSH		
2½" FBRIT	2½" MNPT		
2½" FBRIT	2½" MBSP		



female x male

#### British Instantaneous male x female threads

Size		Brass Part #	Wt.
Male	Female		
2½" MBRIT	2½" FNST	<b>BIA250F</b> <b>BIA250S</b> <b>BIA250T</b> <b>BIA250B</b>	2 lbs. 9 ozs.
2½" MBRIT	2½" FNPSH		
2½" MBRIT	2½" FNPT		
2½" MBRIT	2½" FBSP		



male x female

#### British Instantaneous male x male threads

Size		Brass Part #	Wt.
Male	Male		
2½" MBRIT	2½" MNST	<b>BIF250F</b> <b>BIF250S</b> <b>BIF250T</b> <b>BIF250B</b>	2 lbs. 5 ozs.
2½" MBRIT	2½" MNPSH		
2½" MBRIT	2½" MNPT		
2½" MBRIT	2½" MBSP		



male x male

### Plug

Size	Brass Part #	Wt.
2½"	<b>BIDP250</b>	1 lb. 13 ozs.



plug

### Cap

Size	Brass Part #	Wt.
2½"	<b>BIDC250</b>	3 lbs. 8 ozs.



cap

### Hose Shanks

Size	Brass Part #	Wt.
2½" MBI x 1½" hose shank	<b>BIE150</b>	2 lbs. 11 ozs.
2½" FBI x 1½" hose shank	<b>BIC150</b>	3 lbs. 12 ozs.
2½" MBI x 2½" hose shank	<b>BIE250</b>	2 lbs. 11ozs.
2½" FBI x 2½" hose shank	<b>BIC250</b>	3 lbs. 12 ozs.



BIE150

BIC150

## Dixon Powhatan Domestic Brass Hydrant Adapters - Pin Lug

D  
Brass  
Adapters



hydrant with pin lugs  
reducer

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female Thread	Male Thread	Part #	Powhatan Part #
1½" NST	¾" GHT	<b>HA1576-D</b>	09-130-00084
2½" NST	1" NPT	<b>HA2510T-D</b>	09-130-01057
2½" NST	1½" NST	<b>HA2515F-D</b>	09-130-00297
2½" NST	1½" NPT	<b>HA2515T-D</b>	09-130-00299
2½" NST	¾" GHT	<b>HA2576-D</b>	09-130-00263

## Dixon Powhatan Domestic Brass Female to Male Hex Nipples



female to male with hex  
reducer

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Female Thread	Male Thread	Part #	Powhatan Part #
1" NPT	1½" NST	<b>FM1015F-D</b>	15-216-00046
1½" NPT	1½" NST	<b>FM1515F-D</b>	14-155-00177
1½" NPT	2½" NST	<b>FM1525F-D</b>	15-216-00090
1½" NST	1½" NPSH	<b>FM15F15S-D</b>	14-155-00198
1½" NST	1½" NPT	<b>FM15F15T-D</b>	14-155-00199
1½" NST	2½" NST	<b>FM15F25F-D</b>	15-216-00097
1½" NPSH	1½" NST	<b>FM15S15F-D</b>	14-155-00180
1½" NPSH	1½" NPT	<b>FM15S15T-D</b>	14-155-00175
2" NPT	1½" NST	<b>FM2015F-D</b>	14-155-00265
2½" NPT	2½" NST	<b>FM2525F-D</b>	14-155-00359
2½" NST	1½" NST	<b>FM25F15F-D</b>	14-155-00329
2½" NST	1½" NPT	<b>FM25F15T-D</b>	14-155-00328
2½" NST	2½" NPT	<b>FM25F25T-D</b>	14-155-00392



female to male with hex  
same size

## Dixon Powhatan Domestic Brass Double Female Swivels



double female swivel  
with pin lugs

Female Thread	Female Thread	Part #	Powhatan Part #
1½" NST	1½" NST	<b>DFP1515F-D</b>	09-115-00020
2½" NST	2½" NST	<b>DFP2525F-D</b>	09-115-00093

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.



# Dixon Powhatan Domestic Adapters - Hex Nipples

## Double Male Hex Nipples

- material: *cast brass*
- Other configurations are also available. Consult the factory for pricing and availability.

Male Thread	Male Thread	Part #	Powhatan Part #
1" NPT	1½" NST	<b>DMH1010F-D</b>	14-146-01084
1" NPT	1½" NST	<b>DMH1015F-D</b>	14-146-00090
1½" NPT	1½" NPSH	<b>DMH1515-D</b>	14-146-00110
1½" NPT	1½" NST	<b>DMH1515F-D</b>	14-146-00115
1½" NPT	2½" NST	<b>DMH1525F-D</b>	14-146-00187
1½" NST	1½" NST	<b>DMH15F15F-D</b>	14-146-00132
1½" NST	1½" NPSH	<b>DMH15F15S-D</b>	14-146-00118
1½" NST	2½" NST	<b>DMH15F25F-D</b>	14-146-00188
2" NPT	1½" NST	<b>DMH2015F-D</b>	14-146-00157
2" NPT	2" NSPH	<b>DMH2020-D</b>	14-146-00167
2" NPT	2½" NST	<b>DMH2025F-D</b>	14-146-00367
2½" NPT	1½" NST	<b>DMH2515F-D</b>	14-146-00192
2½" NPT	2½" NST	<b>DMH2525F-D</b>	14-146-00221
2½" NST	2½" NST	<b>DMH25F25F-D</b>	14-146-00259
3" NPT	2½" NST	<b>DMH3025F-D</b>	14-146-00294
3" NPT	3" NST	<b>DMH3030F-D</b>	14-146-00313
4" NPT	4½" NST	<b>DMH4045F-D</b>	14-146-00354
6" NPT	6" NST	<b>DMH6060F-D</b>	14-146-00431



double male with hex reducer



double male with hex same size



double male with hex increaser

D  
Brass  
Adapters

## Swivel x Female

Female NST Swivel	Female NPT	Part #	Powhatan Part #
1½"	1½"	<b>SF150F-D</b>	23-270-00431
2½"	2½"	<b>SF250F-D</b>	23-270-00008
2½"	2"	<b>SF25F20T-D</b>	23-270-00437



swivel x female

## Swivel x Male

Female NST Swivel	Male NPT	Part #	Powhatan Part #
1½"	1½"	<b>SM150F-D</b>	09-215-00277
2½"	2½"	<b>SM250F-D</b>	09-215-00279
2½"	2"	<b>SM25F20T-D</b>	09-215-00140
2½"	3"	<b>SM25F30T-D</b>	09-215-00110



swivel x male

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Dixon Powhatan Domestic Brass Caps and Plugs

### Caps



brass cap

Size	Part #	Powhatan Part #	Wt. Lbs.
1½" NST	<b>FC150F-D</b>	17-126-00038	0.52
2½" NST	<b>FC250F-D</b>	17-126-00180	1.00

D  
Brass  
Adapters

### Plugs



brass plug

Size	Part #	Powhatan Part #	Wt. Lbs.
1½" NST	<b>FP150F-D</b>	17-127-00008	0.58
2½" NST	<b>FP250F-D</b>	17-127-00147	1.80

\* other sizes, threads, and finishes available  
Consult the factory for pricing and availability.

## Screw Pitch Gauge



screw pitch gauge

- used to determine threads per inch
- stainless steel construction with 30 leaves

Part #	Powhatan Part #	Wt. Lbs.
<b>TPG</b>	29-425-00001	.35

## Dixon Northline Aluminum Threaded Adapters

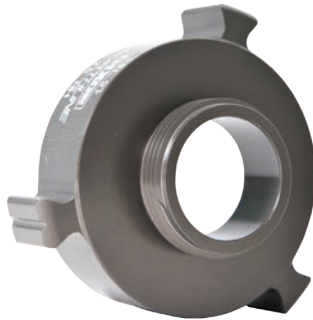
Made from extruded 6061-T6 lightweight aluminum alloy. Northline offers top quality hard anodized threaded fittings ranging from 3/4" to 6". The finished product is laser engraved for clear understanding of the thread type and size produced. Swivel sizes ranging from 1 1/2" to 3 are attached using ball bearings. Swivel sizes ranging from 4" to 6" are attached using roller bearings.



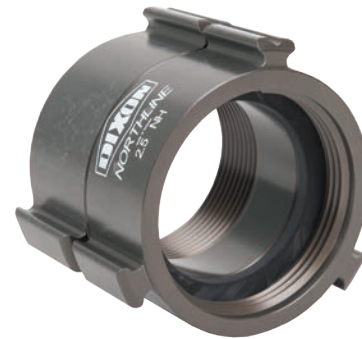
N35 - Double Swivel Female Rocker Lug



N36 - Double Male Rocker Lug



N37 - Rigid Female Rocker Lug to Male



N53 - Swivel Female Rocker Lug to Rigid Female Rocker Lug



N54 - Swivel Female Rocker Lug to Male



N54L - Swivel Female Long Handle to Male



N56 - Rigid Female Long Handle to Male



N57 - Double Female Swivel Long Handle

Aluminum Adapters

## Dixon Northline Aluminum Adapters



### N35 - Double Swivel Female Rocker Lug

- material: *extruded hardcoated aluminum*
- Other configurations are also available. Consult the factory for pricing and availability.
- N35 - Double Swivel Female Rocker Lug

Female Thread	Female Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
1"	N35-10_10_ ADFR10_10_	N35-10_15_							
1½"	N35-15_10_	N35-15_15_ ADFR15_15_	N35-15_20_	N35-15_25_					
2"		N35-20_15_	N35-20_20_	N35-20_25_ ADFR20_25_					
2½"		N35-25_15_	N35-25_20_	N35-25_25_ ADFR25_25_	N35-25_30_				
3"				N35-30_25_ ADFR30_25_	N35-30_30_	N35-30_40_	N35-30_45_	N35-30_50_	N35-30_60_
4"				N35-40_25_ ADFR40_25_	N35-40_30_	N35-40_40_ ADFR40_40_	N35-40_45_	N35-40_50_	N35-40_60_
4½"				N35-45_25_	N35-45_30_	N35-45_40_	N35-45_45_	N35-45_50_	N35-45_60_
5"				N35-50_25_	N35-50_30_	N35-50_40_	N35-50_45_	N35-50_50_	N35-50_60_
6"				N35-60_25_	N35-60_30_	N35-60_40_	N35-60_45_	N35-60_50_	N35-60_60_ ADFR60_60_

\_ Customer Thread

## Dixon Northline Aluminum Adapters



## N36 - Aluminum Double Male - Rocker Lug

- hard coated aluminum
- N36 - Double Male Rocker Lug

Male Thread	Male Thread								
	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
¾"	N36-07_10_	N36-07_15_	N36-07_20_	N36-07_25_					
1"	N36-10_10_ ADMR10_10_	N36-10_15_	N36-10_20_	N36-10_25_					
1½"	N36-15_10_	N36-15_15_ ADMR15_15_	N36-15_20_	N36-15_25_					
2"	N36-20_10_	N36-20_15_	N36-20_20_	N36-20_25_ ADMR20_25_	N36-20_30_				
2½"	N36-25_10_	N36-25_15_	N36-25_20_	N36-25_25_ ADMR25_25_	N36-25_30_	N36-25_40_	N36-25_45_	N36-25_50_	N36-25_60_
3"			N36-30_20_	N36-30_25_ ADMR30_25_	N36-30_30_	N36-30_40_	N36-30_45_	N36-30_50_	N36-30_60_
4"				N36-40_25_ ADMR40_25_	N36-40_30_	N36-40_40_ ADMR40_40_	N36-40_45_	N36-40_50_	N36-40_60_
4½"				N36-45_25_	N36-45_30_	N36-45_40_	N36-45_45_	N36-45_50_	N36-45_60_
5"				N36-50_25_	N36-50_30_	N36-50_40_	N36-50_45_	N36-50_50_	N36-50_60_
6"				N36-60_25_	N36-60_30_	N36-60_40_	N36-60_45_	N36-60_50_	N36-60_60_ ADMR60_60_

\_ Customer Thread



## Dixon Northline Aluminum Adapters



hydrant with rocker lugs  
reducer



hydrant with rocker lugs  
same size



hydrant with rocker lugs  
increaser

F  
Aluminum  
Adapters

### N37 - Aluminum Female x Male - Rocker Lug

- material: *extruded hardcoated aluminum*
- Other configurations are also available. Consult the factory for pricing and availability.

Female Thread	Male Thread									
	¾"	1"	1½"	2"	2½"	3"	4"	4½"	5"	6"
¾"	<a href="#">N37-07_07_</a>	<a href="#">N37-07_10_</a> <a href="#">AHA76_10_</a>	<a href="#">N37-07_15_</a>	<a href="#">N37-07_20_</a>	<a href="#">N37-07_25_</a>					
1"	<a href="#">N37-10_07_</a> <a href="#">AHA10_76_</a>	<a href="#">N37-10_10_</a> <a href="#">AHA10_10_</a>	<a href="#">N37-10_15_</a> <a href="#">AHA10_15_</a>	<a href="#">N37-10_20_</a>	<a href="#">N37-10_25_</a>					
1½"	<a href="#">N37-15_07_</a>	<a href="#">N37-15_10_</a> <a href="#">AHA15_10_</a>	<a href="#">N37-15_15_</a> <a href="#">AHA15_15_</a>	<a href="#">N37-15_20_</a>	<a href="#">N37-15_25_</a> <a href="#">AHA15_25_</a>	<a href="#">N37-15_30_</a>				
2"	<a href="#">N37-20_07_</a>	<a href="#">N37-20_10_</a>	<a href="#">N37-20_15_</a>	<a href="#">N37-20_20_</a>	<a href="#">N37-20_25_</a>	<a href="#">N37-20_30_</a>				
2½"	<a href="#">N37-25_07_</a>	<a href="#">N37-25_10_</a>	<a href="#">N37-25_15_</a> <a href="#">AHA25_15_</a>	<a href="#">N37-25_20_</a> <a href="#">AHA25_20_</a>	<a href="#">N37-25_25_</a> <a href="#">AHA25_25_</a>	<a href="#">N37-25_30_</a>	<a href="#">N37-25_40_</a>	<a href="#">N37-25_45_</a>	<a href="#">N37-25_50_</a>	<a href="#">N37-25_60_</a>
3"			<a href="#">N37-30_15_</a>	<a href="#">N37-30_20_</a>	<a href="#">N37-30_25_</a> <a href="#">AHA30_25_</a>	<a href="#">N37-30_30_</a> <a href="#">AHA30_30_</a>	<a href="#">N37-30_40_</a>	<a href="#">N37-30_45_</a>	<a href="#">N37-30_50_</a>	<a href="#">N37-30_60_</a>
4"					<a href="#">N37-40_25_</a>	<a href="#">N37-40_30_</a>	<a href="#">N37-40_40_</a> <a href="#">AHA40_40_</a>	<a href="#">N37-40_45_</a>	<a href="#">N37-40_50_</a>	<a href="#">N37-40_60_</a>
4½"					<a href="#">N37-45_25_</a>	<a href="#">N37-45_30_</a>	<a href="#">N37-45_40_</a> <a href="#">AHA45_40_</a>	<a href="#">N37-45_45_</a>	<a href="#">N37-45_50_</a>	<a href="#">N37-45_60_</a>
5"					<a href="#">N37-50_25_</a>	<a href="#">N37-50_30_</a>	<a href="#">N37-50_40_</a>	<a href="#">N37-50_45_</a>	<a href="#">N37-50_50_</a> <a href="#">AHA50_50_</a>	<a href="#">N37-50_60_</a>
6"					<a href="#">N37-60_25_</a>	<a href="#">N37-60_30_</a>	<a href="#">N37-60_40_</a>	<a href="#">N37-60_45_</a>	<a href="#">N37-60_50_</a>	<a href="#">N37-60_60_</a> <a href="#">AHA60_60_</a>

\_ Customer Thread

All adapters are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this section are for quick reference purposes.

## Dixon Northline Aluminum Adapters



### N53 - Swivel Female Rocker Lug to Rigid Female Rocker Lug

- aluminum hardcoat finish
- N53 - Female Swivel x Female Rigid

Female Thread	Female Thread							
	1½"	2"	2½"	3"	4"	4½"	5"	6"
1½"	N53-15_15_ ASF15_15_	N53-15_20_	N53-15_25_					
2"	N53-20_15_	N53-20_20_	N53-20_25_					
2½"	N53-25_15_	N53-25_20_ ASF25_20_	N53-25_25_ ASF25_25_	N53-25_30_ ASF25_30_	N53-25_40_ ASF25_40_	N53-25_45_	N53-25_50	N53-25_60_
3"			N53-30_25_	N53-30_30_	N53-30_40_	N53-30_45_	N53-30_50	N53-30_60_
4"			N53-40_25_	N53-40_30_	N53-40_40_ ASF40_40_	N53-40_45_	N53-40_50	N53-40_60_
4½"			N53-45_25_	N53-45_30_	N53-45_40_ ASF45_40_	N53-45_45_	N53-45_50	N53-45_60_
5"			N53-50_25_	N53-50_30_	N53-50_40_	N53-50_45_	N53-50_50	N53-50_60_
6"			N53-60_25_	N53-60_30_	N53-60_40_	N53-60_45_	N53-60_50	N53-60_60_ ASF60_60_

\_ Customer Thread

## Dixon Northline Aluminum Adapters



### N54 - Swivel Female Rocker Lug to Male

- material: *extruded hardcoated aluminum*
- Other configurations are also available. Consult the factory for pricing and availability.
- N54 - Swivel Female Rocker Lug to Male

Female Swivel Thread	Male Thread							
	1½"	2"	2½"	3"	4"	4½"	5"	6"
1½"	<u>N54-15_15_</u> <u>ASM15_15_</u>	<u>N54-15_20_</u>	<u>N54-15_25_</u>					
2"	<u>N54-20_15_</u>	<u>N54-20_20_</u>	<u>N54-20_25_</u>					
2½"	<u>N54-25_15_</u>	<u>N54-25_20_</u> <u>ASM25_20_</u>	<u>N54-25_25_</u> <u>ASM25_25_</u>	<u>N54-25_30_</u> <u>ASM25_30_</u>	<u>N54-25_40_</u>	<u>N54-25_45_</u>	<u>N54-25_50_</u>	<u>N54-25_60_</u>
3"			<u>N54-30_25_</u>	<u>N54-30_30_</u>	<u>N54-30_40_</u>	<u>N54-30_45_</u>	<u>N54-30_50_</u>	<u>N54-30_60_</u>
4"			<u>N54-40_25_</u>	<u>N54-40_30_</u>	<u>N54-40_40_</u> <u>ASM40_40_</u>	<u>N54-40_45_</u>	<u>N54-40_50_</u>	<u>N54-40_60_</u>
4½"			<u>N54-45_25_</u>	<u>N54-45_30_</u>	<u>N54-45_40_</u> <u>ASM45_40_</u>	<u>N54-45_45_</u>	<u>N54-45_50_</u>	<u>N54-45_60_</u>
5"			<u>N54-50_25_</u>	<u>N54-50_30_</u>	<u>N54-50_40_</u>	<u>N54-50_45_</u>	<u>N54-50_50_</u>	<u>N54-50_60_</u>
6"			<u>N54-60_25_</u>	<u>N54-60_30_</u>	<u>N54-60_40_</u>	<u>N54-60_45_</u>	<u>N54-60_50_</u>	<u>N54-60_60_</u> <u>ASM60_60_</u>

\_ Customer Thread

## Dixon Northline Aluminum Adapters



## N54L - Aluminum Swivel Female Long Handle x Male

- N54L - Swivel Female Long Handle to Male

Female Swivel Thread	Male Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	N54L-25_25_	N54L-25_30_	N54L-25_40_	N54L-25_45_	N54L-25_50_	N54L-25_60_
3"	N54L-30_25_	N54L-30_30_	N54L-30_40_	N54L-30_45_	N54L-30_50_	N54L-30_60_
4"	N54L-40_25_	N54L-40_30_	N54L-40_40_	N54L-40_45_	N54L-40_50_	N54L-40_60_
4½"	N54L-45_25_	N54L-45_30_	N54L-45_40_	N54L-45_45_	N54L-45_50_	N54L-45_60_
5"	N54L-50_25_	N54L-50_30_	N54L-50_40_	N54L-50_45_	N54L-50_50_	N54L-50_60_
6"	N54L-60_25_	N54L-60_30_	N54L-60_40_	N54L-60_45_	N54L-60_50_	N54L-60_60_

\_ Customer Thread

## Dixon Northline Aluminum Adapters



## N56 - Rigid Female Long Handle to Male

- material: aluminum hardcoat
- N56 - Rigid Female Long Handle to Male

Female Rigid Thread	Male Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	N56-25_25_	N56-25_30_	N56-25_40_	N56-25_45_	N56-25_50_	N56-25_60_
3"	N56-30_25_	N56-30_30_	N56-30_40_	N56-30_45_	N56-30_50_	N56-30_60_
4"	N56-40_25_ ALHA40_25_	N56-40_30_	N56-40_40_	N56-40_45_ ALHA40_45_	N56-40_50_	N56-40_60_
4½"	N56-45_25_ ALHA45_25_	N56-45_30_	N56-45_40_ ALHA45_40_	N56-45_45_	N56-45_50_	N56-45_60_
5"	N56-50_25_	N56-50_30_	N56-50_40_	N56-50_45_	N56-50_50_	N56-50_60_
6"	N56-60_25_	N56-60_30_	N56-60_40_	N56-60_45_	N56-60_50_	N56-60_60_

\_ Customer Thread



## Dixon Northline Aluminum Adapters



## N57 - Double Female Swivel - Long Handle

- material: *aluminum hardcoat*
- N57 - Double Swivel Female Long Handle

Female Swivel Thread	Female Thread					
	2½"	3"	4"	4½"	5"	6"
2½"	N57-25_25_	N57-25_30_	N57-25_40_	N57-25_45_	N57-25_50_	N57-25_60_
3"	N57-30_25_	N57-30_30_	N57-30_40_	N57-30_45_	N57-30_50_	N57-30_60_
4"	N57-40_25_	N57-40_30_	N57-40_40_	N57-40_45_	N57-40_50_	N57-40_60_
4½"	N57-45_25_	N57-45_30_	N57-45_40_ ADFL45_40_	N57-45_45_ ADFL45_45_	N57-45_50_	N57-45_60_
5"	N57-50_25_	N57-50_30_	N57-50_40_	N57-50_45_	N57-50_50_	N57-50_60_
6"	N57-60_25_ ADFL60_25_	N57-60_30_	N57-60_40_ ADFL60_40_	N57-60_45_ ADFL60_45_	N57-60_50_	N57-60_60_ ADFL60_60_

\_ Customer Thread

**New  
for 2012**

## Forged Aluminum Fittings

### Forged Aluminum Hydrant Adapters



female x male

- forged aluminum

Female NH (NST) Thread	Male Thread	Part #	Wt. Lbs.
2½"	1½" NST	<b>F-AHA2515F</b>	0.6
2½"	1½" NPT	<b>F-AHA2515T</b>	0.6

### Forged Aluminum Double Female Swivel - Rocker Lug



female x female

- forged aluminum

Female NH (NST) Thread	Female NH (NST) Thread	Part #	Wt. Lbs.
1½"	1½"	<b>F-ADFR1515F</b>	0.60
2½"	2½"	<b>F-ADFR2525F</b>	1.45

Female NPSH Thread	Female NPSH Thread	Part #	Wt. Lbs.
1½"	1½"	<b>F-ADFR1515</b>	0.60
2½"	2½"	<b>F-ADFR2525</b>	1.45

## Long Handle Short Shank Suction Hose Females

- powder coated aluminum swivel nut
- for suction and low pressure discharge only

Female NH (NST)	Shank Size	Part #	Wt. Lbs.
4"	4"	<b>LHFS400F</b>	3.0
4½"	4"	<b>LHFS4045F</b>	3.4



long handled suction fitting

Aluminum Adapters

## Cam and Groove Pin Lug Adapters

- pin lugs allow for easy connection using standard spanner and hydrant wrenches

- material: *aluminum*

Female NH (NST)	Adapter Size	Part #	Wt. Lbs.
1½"	1½"	<b>AHA1515ADP</b>	0.5
2½"	2½"	<b>AHA2525ADP</b>	0.6



pin lug cam & groove adapter

- material: *brass*

Female NH (NST)	Adapter Size	Part #	Wt. Lbs.
1½"	1½"	<b>HA1515ADP</b>	0.8
2½"	2½"	<b>HA2525ADP</b>	2.0

## Polycarbonate Hydrant Adapters - Rocker Lugs

- use with water
- **100 PSI** maximum water pressure

Female Thread	Male Thread	Part #	Wt. Lbs.
1½" FNPSH	1½" MNST	<b>POLYHA15S15F</b>	0.12
2½" FNST	¾" MGHT	<b>POLYHA2576</b> <i>New</i>	0.20
2½" FNST	1½" MNPSH	<b>POLYHA2515</b>	0.22
2½" FNST	1½" MNST	<b>POLYHA2515F</b> <i>New</i>	0.22
2½" FNST	2" MNPT	<b>POLYHA2520T</b>	0.24



hydrant with rocker lugs reducer

## Dixon Northline Storz Fittings



### FSA-Storz x Rigid Female

F  
Storz

- machined from forged 6061 - T6 aluminum
  - hardcoat anodized components per MIL-A-8625 Type III Class 1
  - Buna-N gaskets
  - working pressure: **150 PSI** at ambient temperature (70°F)
  - cast aluminum lock lever assembly on 4", 5" and 6"
- FSA - Storz to Female Solid Threaded Connections

Storz Size	Female Thread									
	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
1"	<i>FSA1010_</i>									
1½"	<i>FSA1510_</i> <i>SZF1510_</i>	<i>FSA1515_</i>		<i>FSA1525_</i>						
2"		<i>FSA2015_</i> <i>SZF2015_</i>	<i>FSA2020_</i>	<i>FSA2025_</i>						
2½"		<i>FSA2515_</i>	<i>FSA2520_</i>	<i>FSA2525_</i>						
3"			<i>FSA3020_</i> <i>SZF3020_</i>	<i>FSA3025_</i>	<i>FSA3030_</i>					
3½"				<i>FSA3525_</i>	<i>FSA3530_</i>					
4"				<i>FSA4025_</i> <i>SZF4025_</i>	<i>FSA4030_</i> <i>SZF4030_</i>	<i>FSA4045_</i>	<i>FSA4040_</i> <i>SZF4040_</i>	<i>FSA4045_</i>	<i>FSA4050_</i>	<i>FSA4060_</i>
5"				<i>FSA5025_</i> <i>SZF5025_</i>	<i>FSA5030_</i>	<i>FSA5045_</i>	<i>FSA5040_</i> <i>SZF5040_</i>	<i>FSA5045_</i> <i>SZF5045_</i>	<i>FSA5050_</i> <i>SZF5050_</i>	<i>FSA5060_</i> <i>SZF5060_</i>

\_ Customer Thread

## Dixon Northline Storz Fittings



### SFSA - Storz x Swivel Female Adapter - Rocker Lug / Long Handle

- machined from forged 6061 - T6 aluminum
- hardcoat anodized components per MIL-A-8625 Type III Class 1
- SFSA - Storz to Female Swivel Threaded Connections - Rocker Lug
- Buna-N gaskets
- working pressure: **150 PSI** at ambient temperature (70°F)
- cast aluminum lock lever assembly on 4", 5" and 6"

Storz Size	Female Swivel Thread						
	2½"	3"	3½"	4"	4½"	5"	6"
2½"	SFSA2525_						
3"	SFSA3025_	SFSA3030_					
4"	SFSA4025_ SZSF4025_	SFSA4030_	SFSA4045_	SFSA4040_ SZSF4040_	SFSA4045_ SZSF4045_	SFSA4050_	SFSA4060_
5"	SFSA5025_ SZSF5025_	SFSA5030_	SFSA5045_	SFSA5040_ SZSF5040_	SFSA5045_ SZSF5045_	SFSA5050_	SFSA5060_
6"				SFSA6040_	SFSA6045_	SFSA6050_	SFSA6060_

\_ Customer Thread  
 Long Handle - SFSALH  
 Rocker Lug - SFSARL



## Dixon Northline Storz Fittings



### SFSA 30 - Storz x Female Swivel 30° Elbow - Rocker Lug

- SFSA - Storz to Female Swivel 30° Elbow Adapter - R/L

Storz Size	Female Swivel Thread						
	2½"	3"	3½"	4"	4½"	5"	6"
2½"	SFSA302525_	SFSA302530_					
3"	SFSA303025_	SFSA303030_					
4"	SFSA304025_	SFSA304030_	SFSA304035_	SFSA304040_	SFSA304045_	SFSA304050_	SFSA304060_
5"	SFSA305025_	SFSA305030_	SFSA305035_	SFSA305040_	SFSA305045_	SFSA305050_	SFSA305060_
6"				SFSA306040_	SFSA306045_	SFSA306050_	SFSA306060_

\_ Customer Thread

## Dixon Northline Storz Fittings

- machined from forged 6061 - T6 aluminum
- hardcoat anodized components per MIL-A-8625 Type III Class 1
- Buna-N gaskets
- working pressure: **150 PSI** at ambient temperature (70°F)
- cast aluminum lock lever assembly on 4", 5" and 6"

### SFSA30 - Storz x Female Swivel 30° Elbow - Long Handle



- SFSA30 - L/H Storz to Female Swivel 30° Elbow Adapter - Long Handle

Storz Size	Female Swivel Thread			
	4"	4½"	5"	6"
4"	<a href="#">SFSA30LH4040_</a>	<a href="#">SFSA30LH4045_</a>	<a href="#">SFSA30LH4050_</a>	<a href="#">SFSA30LH4060_</a>
5"	<a href="#">SFSA30LH5040_</a>	<a href="#">SFSA30LH5045_</a>	<a href="#">SFSA30LH5050_</a>	<a href="#">SFSA30LH5060_</a>
6"	<a href="#">SFSA30LH6040_</a>	<a href="#">SFSA30LH6045_</a>	<a href="#">SFSA30LH6050_</a>	<a href="#">SFSA30LH6060_</a>

\_ Customer Thread

### MSA - Storz x Rigid Male



- MSA - Storz to Male Solid Threaded Connections

Storz Size	Male Thread									
	1"	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
1"		<a href="#">MSA1015_</a>	<a href="#">MSA1020_</a>	<a href="#">MSA1025_</a>						
1½"	<a href="#">SZM1510_</a>	<a href="#">MSA1515_</a>	<a href="#">MSA1520_</a>	<a href="#">MSA1525_</a>						
2"		<a href="#">MSA2015_</a> <a href="#">SZM2015_</a>	<a href="#">MSA2020_</a>	<a href="#">MSA2025_</a>	<a href="#">MSA2030_</a>					
2½"			<a href="#">MSA2520_</a>	<a href="#">MSA2525_</a> <a href="#">SZM2525_</a>	<a href="#">MSA2530_</a>					
4"				<a href="#">MSA4025_</a> <a href="#">SZM4025_</a>	<a href="#">MSA4030_</a> <a href="#">SZM4030_</a>	<a href="#">MSA4035_</a>	<a href="#">MSA4040_</a> <a href="#">SZM4040_</a>	<a href="#">MSA4045_</a>	<a href="#">MSA4050_</a>	<a href="#">MSA4060_</a>
5"				<a href="#">MSA5025_</a> <a href="#">SZM5025_</a>	<a href="#">MSA5030_</a>	<a href="#">MSA5035_</a>	<a href="#">MSA5040_</a> <a href="#">SZM5040_</a>	<a href="#">MSA5045_</a> <a href="#">SZM5045_</a>	<a href="#">MSA5050_</a>	<a href="#">MSA5060_</a> <a href="#">SZM5060_</a>
6"							<a href="#">MSA6040_</a>	<a href="#">MSA6045_</a>	<a href="#">MSA6050_</a>	<a href="#">MSA6060_</a> <a href="#">SZM6060_</a>

\_ Customer Thread

## Dixon Northline Storz Fittings

### SSA - Storz x Storz Adapter

F  
Storz

- Hardcoated aluminum
- SSA - Storz to Storz Adapters

Storz Size	Storz						
	1½"	2"	2½"	3"	4"	5"	6"
1½"			<b>SSA1525</b>				
2"	<b>SSA2015</b>		<b>SSA2025</b>				
2½"	<b>SSA2515</b>	<b>SSA2520</b>		<b>SSA2530</b>	<b>SSA2540</b>	<b>SSA2550</b>	
3"		<b>SSA3020</b>	<b>SSA3025</b>		<b>SSA3040</b>	<b>SSA3050</b>	
4"			<b>SSA4025</b>	<b>SSA4030</b>		<b>SSA4050</b> <b>SZSZ4050</b>	<b>SSA4060</b>
5"			<b>SSA5025</b>	<b>SSA5030</b>	<b>SSA5040</b>		<b>SSA5060</b>
6"					<b>SSA6040</b>	<b>SSA6050</b>	

\_ Customer Thread

Note: other configurations are available. Consult the factory for pricing.

### SSA30 - Storz x Storz 30° Elbow Adapter

- Hardcoated aluminum
- SSA30 - Storz to Storz Adapters



Storz x Storz 30°

Storz x Storz	Dixon Part #
4" x 4"	<b>SSA30-440SZ</b>
5" x 5"	<b>SSA30-550SZ</b>

## Dixon Northline Storz Accessories

### Threaded Storz Mounting Plates (Bracket)

- Anodized aluminum

Storz Size	Part #	Northline Part #
1½" - 2½"	<b>SZMP1525</b>	SMB1525
4" - 5"	<b>SZMP500</b>	SMB450



#### Size Chart

	Male or Female									
	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"	
TMPM	X	X	X	X	X	X	X	X	X	X
TMPF	X	X	X	X	X	X	X	X	X	X

#### Storz Caps with Cable

Storz Cap	Part #	Northline Part #	Wt. Lbs.
1½"	<b>SZC150</b>	SC150-NL	0.47
2"	<b>SZC200</b>	SC200-NL	0.76
2½"	<b>SZC250</b>	SC250-NL	0.90
3"	<b>SZC300</b>	SC300-NL	1.26
4"	<b>SZC400</b>	SC400-NL	2.08
4" ABS	<b>SZC400ABS</b>	SC400ABS	2.08
5"	<b>SZC500</b>	SC500-NL	4.00
5" ABS	<b>SZC500ABS</b>	SC500ABS	4.00
6"	<b>SZC600</b>	SC600-NL	5.90



- \* 4" and 5" available with airbleeder (ABS) / petcock

#### Storz Gaskets

- Buna-N
- Gasket faces should be kept free of sand, grit, etc. and lubricated with O-ring grease or silicone. The pressure seals have a flat face; while the suction seals have a beaded face

Storz Size	Pressure Part #	Northline Part #	Suction Part #	Northline Part #
1½"	<b>SZG150P</b>	SGP150	<b>SZG150S</b>	SGS150
2"	<b>SZG200P</b>	SGP200	<b>SZG200S</b>	SGS200
2½"	<b>SZG250P</b>	SGP250	<b>SZG250S</b>	SGS250
3"	<b>SZG300P</b>	SGP300	<b>SZG300S</b>	SGS300
4"	<b>SZG400P</b>	SGP400	<b>SZG400S</b>	SGS400
5"	<b>SZG500P</b>	SGP500	<b>SZG500S</b>	SGS500
6"	<b>SZG600P</b>	SGP600	<b>SZG600S</b>	SGS600



#### Storz Locking Device

Description	Part #
metal locking device for 4" and 5" storz heads with spring, screw and washer	<b>LOCKINGDEVICE</b>

## Brass Caps Pin Lug

17-126

- material: *cast brass*
- finish: -P polished, -C polished chrome plated



cap with pin lug  
17-126

Thread NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	<b>FC150F</b>	17-126-00038	0.43
1½"	<b>FC150F-P</b>	17-126-00039	0.43
1½"	<b>FC150F-C</b>	17-126-00037	0.43
2½"	<b>FC250F</b>	17-126-00180	1.01
2½"	<b>FC250F-P</b>	17-126-00084	1.01
2½"	<b>FC250F-C</b>	17-126-00085	1.01
3"	<b>FC300F</b>	17-126-00315	2.47
3"	<b>FC300F-C</b>	17-126-00318	2.47
4"	<b>FC400F</b>	17-126-00339	4.94
4½"	<b>FC450F</b>	17-126-00350	5.41
6"	<b>FC600F</b>	17-126-00364	9.55

Thread NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	<b>FC150</b>	17-126-00034	0.35
2½"	<b>FC250</b>	17-126-00183	1.23
3"	<b>FC300</b>	17-126-00312	2.64
4"	<b>FC400</b>	17-126-00336	3.31
6"	<b>FC600</b>	17-126-00365	9.55
2½" CT	<b>FC250</b> *		

\* customer to specify thread

<sup>1</sup> Customer Thread

## Rocker Lug

17-126

- material: *cast brass*
- finish: -P polished, -C polished chrome plated



cap with rocker lug  
17-176

Thread NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1"	<b>RFC100F</b>	17-126-00026	0.30
1½"	<b>RFC150F</b>	17-126-00055	0.54
1½"	<b>RFC150F-P</b>	17-126-01284	0.54
1½"	<b>RFC150F-C</b>	17-126-00057	0.54
2½"	<b>RFC250F</b>	17-126-00303	1.03
2½"	<b>RFC250F-P</b>	17-126-00367	1.03
2½"	<b>RFC250F-C</b>	17-126-00368	1.06
3"	<b>RFC300F</b>	17-126-00321	2.16

Thread NPSH	Part #	Powhatan Part #	Wt. Lbs.
¾"	<b>RFC075</b>	17-126-00015	0.28
1"	<b>RFC100</b>	17-126-01303	0.31
1½"	<b>RFC150</b>	17-126-00058	0.68
2"	<b>RFC200</b>	17-126-00079	1.10
2½"	<b>RFC250</b>	17-126-00304	1.25

## Long Handle

17-224

- material: *cast brass*
- finish: -C polished chrome plated
- supplied without chain



cap with long handle  
17-224

Thread NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
4"	<b>LHC400F-C</b>	17-224-00013	7.7
4½"	<b>LHC450F-C</b>	17-224-00023	9.5
5"	<b>LHC500F-C</b>	17-224-00026	10
6"	<b>LHC600F-C</b>	17-224-00030	11.6



## Brass Plugs

## Pin Lug

17-127

- material: *cast brass*
- finish: -P polished, -C polished chrome plated

Thread NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	<b>FP150F</b>	17-127-00008	0.73
1½"	<b>FP150F-P</b>	17-127-00026	0.73
1½"	<b>FP150F-C</b>	17-127-00010	0.73
2½"	<b>FP250F</b>	17-127-00147	1.46
2½"	<b>FP250F-P</b>	17-127-00026	1.46
2½"	<b>FP250F-C</b>	17-127-00027	1.46
3"	<b>FP300F</b>	17-127-00225	1.40
3"	<b>FP300F-P</b>	17-127-00224	1.40
3"	<b>FP300F-C</b>	17-127-00233	1.40
4"	<b>FP400F</b>	17-127-00246	4.50
4½"	<b>FP450F</b>	17-127-00252	4.90
6"	<b>FP600F</b>	17-127-00441	4.90



plug with pin lug  
17-127

Thread NPSH	Part #	Powhatan Part #	Wt. Lbs.
1½"	<b>FP150</b>	17-127-00005	0.73
2½"	<b>FP250</b>	17-127-00149	1.40
3"	<b>FP300</b>	17-127-00227	2.00
4"	<b>FP400</b>	17-127-00248	4.20
2½" CT <sup>1</sup>	<b>FP250</b> *		1.46

\* customer to specify thread

<sup>1</sup> Customer Thread

## Rocker Lug

17-127

- material: *cast brass*
- finish: -P polished, -C polished chrome plated

Thread NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	<b>RFP150F</b>	17-127-00016	0.76
1½"	<b>RFP150F-C</b>	17-127-00018	0.76
2½"	<b>RFP250F</b>	17-127-00218	1.88
2½"	<b>RFP250F-C</b>	17-127-00195	1.88



plug with rocker lug  
17-127

## Aluminum Caps with Cable Rocker Lug



cap with rocker lug

- material: *extruded hardcoated aluminum*
- Other configurations are available. Consult the factory for pricing and availability. Not all configurations are stocked.
- use aircraft cable (coated)

Thread NH (NST)	Part #	Dixon Northline Part #
1"	<b>AFC100F</b>	CAP100F-C
1½"	<b>AFC150F</b>	CAP150F-C
2"	<b>AFC200F</b>	CAP200F-C
2½"	<b>AFC250F</b>	CAP250F-C
3"	<b>AFC300F</b>	CAP300F-C
4"	<b>AFC400F</b>	CAP400F-C
4½"	<b>AFC450F</b>	CAP450F-C
5"	<b>AFC500F</b>	CAP500F-C
6"	<b>AFC600F</b>	CAP600F-C

Thread NPSH	Part #	Dixon Northline Part #
1"	<b>AFC100</b>	CAP100S-C
1½"	<b>AFC150</b>	CAP150S-C
2"	<b>AFC200</b>	CAP200S-C
2½"	<b>AFC250</b>	CAP250S-C
2½"	<b>AFC250_*</b>	CAP250_-C

\* customer required threads

- forged aluminum

Size	Thread	Part #	Wt. Lbs.
1½"	NPSH	<b>F-AFC150</b>	0.15
2½"	NPSH	<b>F-AFC250</b>	0.25
1½"	NST	<b>F-AFC150F</b>	0.50
2½"	NST	<b>F-AFC250F</b>	0.70

Note: forged caps not available with customer threads.

## Long Handle

- material: *extruded hardcoated aluminum*



cap with long handle

Thread NH (NST)	Part #	Wt. Lbs.
4"	<b>ALHC400F</b>	2.72
4½"	<b>ALHC450F</b>	3.00
6"	<b>ALHC600F</b>	3.62

## Aluminum Caps with Cable Test Caps

Size	Dixon Northline Part #
1"	<b>CAP100_ABS</b>
1½"	<b>CAP150_ABS</b>
2"	<b>CAP200_ABS</b>
2½"	<b>CAP250_ABS</b>
3"	<b>CAP300_ABS</b>
3½"	<b>CAP350_ABS</b>
4"	<b>CAP400_ABS</b>
4½"	<b>CAP450_ABS</b>
5"	<b>CAP500_ABS</b>
6"	<b>CAP600_ABS</b>



aluminum test cap

\* specify drill/tap requirements

\*\* specify threads required

## Aluminum Plugs with Cable

- material: *extruded hardcoated aluminum*
- -NC: no chain

Thread NH (NST)	Part #	Dixon Northline Part #
1½"	<b>AFP150F</b>	<b>PLUG150F-C</b>
2½"	<b>AFP250F</b>	<b>PLUG250F-C</b>
3"	<b>AFP300F</b>	<b>PLUG300F-C</b>
4"	<b>AFP400F</b>	<b>PLUG400F-C</b>
4½"	<b>AFP450F</b>	<b>PLUG450F-C</b>
5"	<b>AFP500F</b>	<b>PLUG500F-C</b>
6"	<b>AFP600F</b>	<b>PLUG600F-C</b>



plug with rocker lug

Thread NPSH	Part #	Wt. Lbs.
1½"	<b>AFP150</b>	0.50
2½"	<b>AFP250</b>	0.65

Thread CT <sup>1</sup>	Part #	Wt. Lbs.
2½"	<b>AFP250_</b>	0.50

\* customer required threads

<sup>1</sup> Customer Thread

## Plastic Caps

### Thermoplastic Caps with Chain

Prevents entry of foreign material and protects male outlet threads on valves and hydrants.

- red finish
- **NOT** intended to be pressurized



thermoplastic cap



thermoplastic cap

Size	Thread	Part #	Wt. Lbs.
1½"	NPSH	<b>PFCW150</b>	0.10
1½"	NST (NH)	<b>PFCW150F</b>	0.10
2"	NPSH	<b>PFCW200</b>	0.15
2½"	NST (NH)	<b>PFCW250F</b>	0.20
2½"	NYC / BAT	<b>PFCW250NYC</b>	0.20
2½"	NYFD	<b>PFCW250NYF</b>	0.20
2½"	Chicago FD	<b>PFCW250CFD</b>	0.20
2½"	CSA	<b>PFCW250CSA</b>	0.20
2½"	WCT	<b>PFCW250WCT</b>	0.20
2½"	QST	<b>PFCW250QST</b>	0.20
3"	NST	<b>PFCW300F</b>	0.33

- red finish
- can be pressurized to **300 PSI**

Thread NH (NST)	Part #	Wt. Lbs.
2½"	<b>PFC250F</b>	0.25

### Yellow Thermoplastic Hydrant Caps



polycarbonate hydrant cap  
with chain

- 1-1/8" pentagonal nut with weep hole
- with chain

Thread NH (NST)	Part #	Wt. Lbs.
4½"	<b>PFCW450F-Y</b>	.18



polycarbonate hydrant cap

- 1-1/8" pentagonal nut with weep hole

Thread NH (NST)	Part #	Wt. Lbs.
2½"	<b>PFCW250F-Y</b>	.03
4"	<b>PFCW400F-Y</b>	.06

### Universal Hose Cap

The 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



universal cap

Size	Part #	Wt. Lbs.
2½"	<b>PFC250U</b>	0.24

## Caps and Plugs

### Thermoplastic Breakable Cap

Prevents entry of foreign material and protects female threads on pin lug fire department inlet connections.

- molded red thermoplastic
- used on pin lug females

Part #	Wt. Lbs.
<b>PBC250</b>	0.13

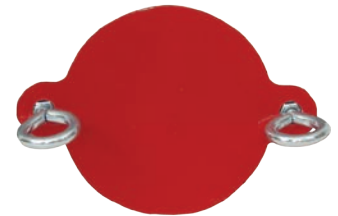


breakable cap

### Aluminum Breakable Cap

- 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 finish - red

Size	Part #	Wt. Lbs.
2½"	<b>ABC250</b>	0.24



aluminum cap

### Red Thermoplastic FDC Plug

- fits standard 2½" NST female swivel
- withstands wide range of temperatures from -4°F to 200°F
- 1-1/8" pentagonal nut with weep hole to allow for drainage
- removes from FDC with adjustable hydrant wrench

Thread NH (NST)	Part #	Wt. Lbs.
2½"	<b>PP250F</b>	.02



thermoplastic FDC plug

### Thermoplastic Adjust-A-Plug

- molded red thermoplastic 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.
- The plug can be easily removed with a fire department spanner wrench.

Part #	Wt. Lbs.
<b>PAP250</b>	0.24



adjust-a-plug

## Caps and Plugs

## Iron Hydrant Caps

- pentagon fire hydrant cap
- iron painted red
- supplied with chain and ring



iron hydrant cap

Size	Part #	Wt. Lbs.
2½"	<b>IHC250F</b>	3.00
4½"	<b>IHC450F</b>	7.00

G

Caps &amp; Plugs

## Jack Chains with S-Hooks



brass jack chain with s-hooks

Size	Material	Part #	Wt. Lbs.
6"	brass	<b>CH-B-6</b>	0.04
12"	brass	<b>CH-B-12</b>	0.07
6"	stainless	<b>CH-SS-6</b>	0.05
12"	stainless	<b>CH-SS-12</b>	0.08



## Brass Industrial Fog Nozzles



- supplied with bumper
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved for class A and B fires (except noted \*)

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Powhatan Part #	Wt. Lbs.
¾"	GHT	---	<b>BFN75GHT</b> <b>BFN75</b> <b>BFN100</b> <b>BFN150</b> <b>BFN200 *</b>	02-464-00001	1.3
¾"	NPSH	---		02-464-00005	1.4
1"	NPSH	36		02-464-00013	1.2
1½"	NPSH	85		02-464-00021	1.5
2"	NPSH	108		02-200-00003	2.9
1"	NH (NST)	36	<b>BFN100NST</b> <b>BFN150NST</b> <b>BFN250NST *</b> <b>BFN250_</b>	02-464-00009	1.2
1½"	NH (NST)	85		02-464-00017	1.5
2½"	NH (NST)	205		02-464-00033	3.3
2½"	CT	205		---	3.3

fog nozzle  
02-464

## Heavy Duty Brass Industrial Fog Nozzles



- supplied with bumper
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Powhatan Part #	Wt. Lbs.
1"	NPSH	---	<b>HFN100</b> <b>HFN150</b>	02-250-00008	2.2
1½"	NPSH	88 (+/-12)		02-250-00019	2.4
1"	NH (NST)	---	<b>HFN100NST</b> <b>HFN150NST</b> <b>HFN150NYFD</b>	02-250-00012	2.2
1½"	NH (NST)	88 (+/-12)		02-250-00022	2.4
1½"	NYFD			02-250-00028	2.4

heavy duty fog nozzle  
02-250

## Higher Pressure Brass Industrial Fog Nozzles



- large one-piece rubber bumper with molded teeth
- combination straight stream and fog - shut-off - straight stream - fog
- knurled base
- for use from **25 to 300 PSI** (water only)
- Factory Mutual approved

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Powhatan Part #	Wt. Lbs.
1½"	NPSH	117	<b>HPFN150</b> <b>HPFN150NST</b>	02-425-00003	1.9
1½"	NH (NST)	117		02-425-00001	2.0

high pressure fog nozzle  
02-425

## Brass Industrial Washdown Nozzles

- shut off - straight stream - fog
- delivers 30° - 60° - 90° fog pattern
- supplied with bumper
- for use up to **100 PSI** (water only) at ambient temperature (70°F)

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Wt. Lbs.
1½"	NPSH	88 (+/-12)	<b>WDN150</b> <b>WDN150NST</b>	1.5
1½"	NST (NH)	88 (+/-12)		1.5



brass industrial washdown nozzles



## Brass Industrial All-Fog Nozzles for use around Electrical Equipment



fog nozzle  
02-463

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.

- supplied with bumper
- delivers 30° - 60° - 90° fog pattern - shutoff to 30° fog, adjustable to 90° fog
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved for class C fires

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Powhatan Part #	Wt. Lbs.
1½"	NH (NST)	90	<b>BFNE150NST</b>	02-463-00001	1.5
1½"	NPSH	90	<b>BFNE150</b>	02-463-00002	1.5

## Brass Ball Shutoffs

Full time swivel base ensures the durable rubber-like handle can be positioned for easy operation.

- material: *cast brass*
- for use up to **100 PSI** (water only)



shutoff

Thread	Length	Waterway	Part #	Wt. Lbs.
1½" NST	4¾"	1-3/8"	<b>BSO150NST</b>	4.5
1½" NPSH	4¾"	1-3/8"	<b>BSO150S</b>	4.5

### Replacement Part

Description	Part #	Wt. Lbs.
replacement handle	<b>BSO150-H</b>	1.0

## Nozzle Tips



tip

- material: *sat in brass*
- straight stream only
- for use up to **100 PSI** (water only)
- 74 GPM @ 100 PSI

Thread	Length	Orifice	Part #	Powhatan Part #	Wt. Lbs.
1" NST	4-3/4"	1/2"	<b>BNT100F</b>	01-128-00036	0.68
1" NPSH	4-3/4"	1/2"	<b>BNT100S</b>	01-128-00039	0.68
1½" NST	4-3/8"	1/2"	<b>BNT150F</b>	01-128-00094	1.20
1½" NPSH	4-3/8"	1/2"	<b>BNT150S</b>	01-128-00095	1.20

## Brass Plain Hose Nozzles

- material: *brass*
- finish: *satin*
- for use up to **100 PSI** (water only)

Size	Thread	Length	Orifice	Part #	Powhatan Part #	Wt. Lbs
3/4"	GHT	6"	1/4"	<b>BN6</b>	03-107-00005	0.4
3/4"	NPSH	6"	1/4"	<b>BN7</b>	03-107-00001	0.4
1"	NPSH	8"	5/16"	<b>BN10</b>	03-107-00010	0.5
1 1/4"	NPSH	10"	3/8"	<b>BN12</b>	03-107-00026	1.0
1 1/2"	NPSH	10"	1/2"	<b>BN15</b>	03-107-00049	1.1
2"	NPSH	12"	9/16"	<b>BN20</b>	03-107-00154	2.6
2 1/2"	NPSH	12"	1"	<b>BN25</b>	03-107-00172	3.4
1"	NH (NST)	8"	5/16"	<b>BN10F</b>	03-107-00015	0.7
1 1/2"	NH (NST)	10"	1/2"	<b>BN15F</b>	03-107-00053	1.2
2 1/2"	NH (NST)	12"	1"	<b>BN25F</b>	03-107-00169	2.8
1 1/2"	NYFD	10"	1/2"	<b>BN15NYFD</b>	03-107-00062	1.0
2 1/2"	NYFD	12"	1"	<b>BN25NYFD</b>	03-107-00176	3.4
2 1/2"	CT	12"	1"	<b>BN25</b> *	---	3.4



plain nozzle  
03-107

\* customer to specify thread

All nozzles are made to approved Dixon Powhatan specifications. The Powhatan part numbers provided in this chart are for quick reference purposes.

## Domestic Brass Rack Nozzles



- supplied without bumper
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved for class A and B fires

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Powhatan Part #	Wt. Lbs.
1 1/2"	NH (NST)	80	<b>BRN150NST</b>	02-465-00001	1.4
1 1/2"	NPSH	80	<b>BRN150</b>	02-465-00002	1.4



rack nozzle  
02-465

## Global Brass Rack Nozzles



- supplied without bumper
- delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved for class A and B fires

Size	Thread	90° Spray GPM @ 100 PSI	Part #	Wt. Lbs.
1 1/2"	NH (NST)	80	<b>BRN150NST-I</b>	1.3



rack nozzle  
BRN150NST-I

  U/L Play Pipes with Tip



play pipe with tip  
03-102

A component often required in hydrant houses by Insurance Underwriters.

- swivel handle, red marlin trim
- for use up to **100 PSI** (water only)
- U/L listed and Factory Mutual approved
- ULT male thread specification: 2-3/16" ODM x 12 TPI
- comes standard with 1-1/8" orifice tip

Size	Inlet	Outlet	Orifice	Part #	Powhatan Part #	Wt. Lbs.
2½"	NH (NST)	ULT	1-1/8"	<b>UPP250F</b>	03-102-50000	9
2½"	NPSH	ULT	1-1/8"	<b>UPP250S</b>	03-102-50001	9

Tips for U/L Play Pipe



tip for play pipe  
01-128

- material: *cast brass*
- finish: satin finish
- for use up to **100 PSI** (water only)
- ULT male thread specification: 2-3/16" ODM x 12 TPI

Orifice	Part #	Powhatan Part #	Wt. Lbs.
1-1/8"	<b>UPPT</b>	01-128-00179	1.6
1-1/4"	<b>UPPT125</b>	01-128-00266	1.6
1-1/2"	<b>UPPT150</b>	01-128-00251	1.6
1-3/4"	<b>UPPT175</b>	01-128-00232	1.6

H  
Nozzles

Adjust-A-Power Nozzle



adjustable nozzle



Makes a wonderful mop-up nozzle. It produces 50% more power than twist nozzles. Gasketed from inlet to tip, it cannot leak like conventional nozzles, and does not require a washer. Three stainless steel ball bearings in the adjustable tip offer complete shut off, to ultra powerful pinpoint stream, to heavy spray pattern, to a solid jet stream or any setting in between. Only adjustable hose nozzle with Solid Jet Stream. Ideal for patio, auto and boat, driveway and garden. Leave nozzle in the open position when not in use. It is designed for minimum water usage and maximum water velocity.

- material: *brass and stainless steel*
- for use up to **100 PSI** (water only)

Size	Thread	Part #	Wt. Lbs.
¾"	GHT	<b>AAPN75GHT</b>	0.2

Garden Hose Twist Nozzles

- brass
- for use up to **150 PSI** (water only)



garden hose twist nozzle

Size	Thread	Length	Part #	Wt. Lbs.
¾"	GHT	4"	<b>BTN75</b>	0.40
¾"	GHT	7"	<b>500-AN7</b>	0.66

## U.S. Coast Guard Approved AFFF / Water Fog Nozzles

Nozzles designed for maximum efficiency with AFFF (Aqueous Film Forming Foams) or water on shipboard, offshore rigs and industrial applications.

- 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
- for use up to **100 PSI** (water/AFFF only)



CGSN150F



CGSN151F

Thread NH (NST)	Description	Fog Flow @100 PSI	Orifice	Length	Weight	Approval #	Part #
1½"	nozzle	95 GPM	5/8"	10¼"	9 lbs.	162.027/13/0	<b>CGSN150F</b>
1½"	nozzle w/pistol grip	95 GPM	15/16"	11½"	14.5 lbs.	162.027/14/0	<b>CGSN151F *</b>

Thread NPSH	Description	Fog Flow @100 PSI	Orifice	Length	Weight	Approval #	Part #
1½"	nozzle	95 GPM	5/8"	10¼"	9 lbs.	---	<b>CGSN150S</b>
1½"	nozzle w/pistol grip	95 GPM	15/16"	11½"	14.5 lbs	---	<b>CGSN151S *</b>

\* supplied with pistol grip

## U.S. Coast Guard Approved Nozzles

Designed to U.S. Coast Guard specification for fighting fires with drafted water. Required equipment for all commercial vessels under U.S. registry. Corrosion resistant brass construction. Combination Fog and Straight Stream for shipboard fire fighting.

- for use up to **100 PSI** (water/AFFF only)
- Applicator tips are available on special order. Consult the factory for pricing and availability.

Thread	Fog Flow GPM @100 PSI	Part #	Wt. Lbs.
1½" NST	55	<b>CGN150NST</b>	8.9
2½" NST	108	<b>CGN250NST</b>	13.8
1½" NPSH	55	<b>CGN150S</b>	8.9



nozzle

Applicators are available on special order. *Consult the factory for pricing and availability.*

Size	Description	Part #	Wt. Lbs.
1½"	replacement tip	<b>CGN150-TIP</b>	0.94
2½"	replacement tip	<b>CGN250-TIP</b>	0.79



replacement tip



monitor



### Omega™ Monitor

- brass construction
- 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	Part #	Wt. Lbs.
17" x 11½"	3" flange	2½" NST	3"	1250 GPM	<b>AK3526-300FL</b>	72

### Brass Monitor Nozzle



nozzle

- brass
- fixed teeth
- combination Straight, Stream and Fog - no shutoff
- fixed gallonage master stream nozzle
- factory set at 500 GPM (1900 lpm) can be changed in the field to 300 or 700 GPM (1140 or 2660 LPM)
- for use up to **100 PSI** (water only)

Thread NH (NST)	90° Spray GPM @100 PSI	Part #	Wt. Lbs.
2½"	500	<b>AK4450NST</b>	14.5



### Steel FirePro™ Monitor



monitor

- 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
- FM approved

Size	Inlet Configuration	Outlet	Waterway	Flow	Weight	Part #
22" x 13"	4" flange	2½" male NST	2½"	750 GPM	50 lbs.	<b>FP475S</b>



### Master Stream Nozzles



nozzle - brass

- factory set at 500 GPM
- featuring a straight stream to fog 'quick throw' pattern change
- constant gallonage
- FM approved

Size	Thread	Material	Weight	Part #
2½"	NST	brass	19 lbs.	<b>FP500B</b>
2½"	NST	aluminum	3 lbs.	<b>FP500A</b>

### Plain Monitor Tip



monitor tip

- deluge tip for monitors
- for use up to **100 PSI** (water only)
- -C polished chrome plated, -P polished

Thread	Length	Orifice	Part #	Wt. Lbs.
2½" NH (NST)	9"	1½"	<b>BMT1100-250F-C</b>	3.6
2½" NH (NST)	9"	1½"	<b>BMT1100-250F-P</b>	3.6



## Constant Flow Thermoplastic Fog Nozzles

- 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
- for use up to **100 PSI** (water only)

Size	Thread	90° Spray GPM @100 PSI	Part #	Wt. Lbs.
¾"	GHT	8	<b>CFB75GHT</b>	0.42
1"	SIPT	22	<b>CFB100S</b>	0.38
1½"	SIPT	75	<b>CFB150S *</b>	0.44
1½"	SIPT	150	<b>HGCFB150S **</b>	0.50
2"	SIPT	75	<b>CFB2015S *</b>	0.45
2"	SIPT	150	<b>CFB200S **</b>	0.53
1"	NH (NST)	22	<b>CFB100NST</b>	0.37
1½"	NH (NST)	75	<b>CFB150NST *</b>	0.44
1½"	NH (NST)	150	<b>HGCFB150NST **</b>	0.51
2½"	NH (NST)	150	<b>CFB250NST ‡</b>	2.00
2½"	NH (NST)	215	<b>HGCFB250NST **</b>	1.90
1½"	NYF	75	<b>CFB150NYF *</b>	0.45
2½"	NYF	150	<b>CFB250NYF ‡</b>	2.00
1½"	CF	75	<b>CFB150CF *</b>	0.43
2½"	CF	150	<b>CFB250CF ‡</b>	2.00
2½"	NYC	150	<b>CFB250NYC ‡</b>	2.00
2½"	CT	150	<b>CFB250_</b>	2.00

\* standard flow

\*\* high flow

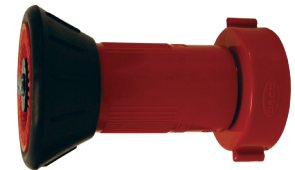
‡ provided with handles

NYF – New York Fire Dept. Thread	1 ½" (2.100 ODM X 8 TPI)	–	2 ½" (3.030 ODM X 8 TPI)
CF – Chicago Fire Dept. Thread	1 ½" (1.933 ODM X 11.5 TPI)	–	2 ½" (2.990 ODM X 7.5 TPI)
NYC – New York Corporation Thread	1 ½" (2.093 ODM X 11 TPI)	–	2 ½" (3.000 ODM X 8 TPI)

Also available CSA, BAT, NSS



2½" nozzle with handles  
CFB250NST



2½" nozzle without handles  
HGCFB250NST



1½" nozzle

Nozzles

## Blue Thermoplastic Refinery Fog Nozzles

- blue nylon 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
- for use up to **100 PSI** (water only)

Size	Thread	90° Spray GPM @100 PSI	Part #	Wt. Lbs.
1½"	SIPT	75	<b>RNB150S</b>	0.48
1½"	NH (NST)	75	<b>RNB150NST</b>	0.47



refinery fog nozzle

## Gaskets for Constant Flow Thermoplastic and Refinery Fog Nozzles

- material: *buna-N*

dimensions are nominal

Size	Thread	ID	OD	THK	Part #	Wt. Lbs.
1"	SIPT	0.900"	1.270"	0.125"	<b>CFG100S</b>	.003
1½"	SIPT	1.510"	1.878"	0.125"	<b>CFG150S</b>	.005
2"	SIPT	1.680"	2.340"	0.156"	<b>CFG200S</b>	.013
1"	NH (NST)	0.900"	1.270"	0.125"	<b>CFG100NST</b>	.003
1½"	NH (NST)	1.510"	1.906"	0.125"	<b>CFG150NST</b>	.003
2½"	NH (NST)	2.250"	3.000"	0.187"	<b>CFG250NST</b>	.020



gasket

## Thermoplastic Fog Nozzles

- red polycarbonate with brass stem
  - adjusts from straight stream to fog
  - shutoff - straight stream - fog
  - for use up to **100 PSI** (water only)
- \* standard flow  
† 120° Spray GPM @100 PSI



nozzle with bumper  
FNB150NST



nozzle without bumper  
FN150NST

Size	Thread	90° Spray GPM @100 PSI	Part # with Bumper	Part # without Bumper
¾"	GHT	** †	<b>FNB75GHT</b>	---
¾"	NPS	30.9 †	<b>FNB75S</b>	---
1"	NPS	11.4 †	<b>FNB100S</b>	<b>FN100S</b>
1"	NPS	30.9	<b>HGB100S</b>	---
1½"	NPS	83.6	<b>FNB150S</b>	<b>FN150S</b>
1"	NST (NH)	11.4	<b>FNB100NST</b>	<b>FN100NST</b>
1"	NST (NH)	30.9	<b>HGB100NST</b>	---
1½"	NST (NH)	83.6	<b>FNB150NST</b>	<b>FN150NST</b>

## FM Approved Thermoplastic Fog Nozzles

- brass stem with locking nut
- adjusts from straight stream to fog
- wings on sleeve for ease of adjustment
- for use up to **100 PSI** (water only) at ambient temperature (70°F)
- SL series nozzles are Factory Mutual approved.



1½" nozzle  
FM approved

Size	Thread	90° Spray GPM @100 PSI	FM approved Domestic		Global	Wt. Lbs.
			Polycarbonate Part # with Bumper	Polycarbonate Body Part # with Bumper	Polycarbonate Body Part # with Bumper	
¾"	GHT	30.9 *	<b>SL075GHT</b>	---	---	0.33
¾"	NPSH	30.9 *	<b>SL075</b>	---	---	0.33
1"	NPSH	30.9 *	<b>SL100</b>	<b>PFNB100S</b>	<b>PFNB100S</b>	0.48
1½"	NPSH	75	<b>SL150</b>	<b>PFNB150S</b>	<b>PFNB150S</b>	0.57
1½"	NH (NST)	75	<b>SL150NST</b>	<b>PFNB150NST</b>	<b>PFNB150NST</b>	0.57

\* 120° spray on ¾" and 1"

## Thermoplastic All-Fog Nozzles for Use Around Electrical Equipment

- red polycarbonate with brass stem
- opens and closes in a 30° fog pattern up to 120° - no straight stream
- for use up to **100 PSI** (water only)



nozzle  
FNBE150NST

Size	Thread	75° Spray GPM @100 PSI	Part #	Wt. Lbs.
1½"	NPS	92	<b>FNBE150S</b>	0.57
1½"	NH (NST)	92	<b>FNBE150NST</b>	0.56

## Gaskets for Fog Nozzles

- material: *buna-N*

dimensions are nominal



gasket  
FNG150S

Size	Thread	ID	OD	THK	Part #	Wt. Lbs.
1"	NPS	0.937"	1.234"	0.125"	<b>FNG100S</b>	.001
1"	NPS	1.000"	1.375"	0.125"	<b>HGG100S</b>	.02
1½"	NPS	1.500"	1.827"	0.125"	<b>FNG150S</b>	.01
1"	NH (NST)	0.937"	1.281"	0.125"	<b>FNG100NST</b>	.001
1"	NH (NST)	1.000"	1.375"	0.125"	<b>HGG100NST</b>	.02
1½"	NH (NST)	1.510"	1.906"	0.125"	<b>FNG150NST</b>	.01

## Forest Green Constant Flow Nozzle

- shatterproof and UV resistant GE Lexan® is able to withstand tough environmental conditions
- seals used for true water shut off
- easy twist spray pattern adjustment
- sold in case quantity only, with display
- 25 nozzles per case

Thread	45° Spray GPM @ 100 PSI	Part #	Wt. Lbs.
¾" GHT	25.1	<b>FNB75GHT-GD</b>	10.3



display

## Green Constant Flow Nozzle with Bumper

- material: *green plastic* body with *steel* stem
- Can be used as a replacement nozzle in the display case GNB75GHT-GD.

Thread	45° Spray GPM @ 100 PSI	Part #	Wt. Lbs.
¾" GHT	8	<b>GNB75GHT</b>	0.36



constant flow nozzle with bumper  
GNB75GHT

## Red Polycarbonate Plain Hose Nozzles

- material: *red polycarbonate*
- for use up to **100 PSI** (water only)

Size	Thread	Length	Orifice	Part #	Wt. Lbs.
1½"	NPSH	10"	1/2"	<b>PN15</b>	0.22
1½"	NH (NST)	10"	1/2"	<b>PN15F</b>	0.19



plain nozzle

## Aluminum Ball Shutoff Nozzle - Bolted Style

- rugged and lightweight
- cast aluminum body with pistol grip
- hardcoated female swivel inlet and male outlet
- for use up to **200 PSI** (water only)

Size	Thread	Waterway	Part #	Wt. Lbs.
1½"	NH (NST)	1-3/8"	<b>ACPSO150F</b>	2.9
1½"	NPSH	1-3/8"	<b>ACPSO150S</b>	2.9



shutoff nozzle

## Aluminum Tips for Bolted Style Ball Shutoff Nozzle

- material: *anodized aluminum*
- lightweight construction
- for use up to **200 PSI** (water only)

Size	Thread	Length	Orifice *	Part #	Wt. Lbs.
1"	NPSH	4"	1/2"	<b>ANT100</b>	0.5
	NH (NST)	4-3/4"	1/2"	<b>ANT100F</b>	0.7
1½"	NPSH	4"	1/2"	<b>ANT150</b>	0.5
	NH (NST)	4-3/4"	1/2"	<b>ANT150F</b>	0.7



NPSH shutoff nozzle tip



NH shutoff nozzle tip

\* other orifice sizes available

## Aluminum Single Gallonage Constant Flow Fog Nozzles



fog nozzle with pistol grip



fog nozzle without pistol grip

Combine the benefits of an automatic nozzle with the simplicity of a single gallonage nozzle to provide one of the most versatile and easy-to-use nozzles in today's fire service. Quality stream performance at a variety of pressures, combined with a durable and simple design makes this an unbeatable value. Live swivel inlet, and spinning teeth.

- for use up to **100 PSI** (water only)

Size	Thread	Constant GPM @ 100 PSI	Part #	Wt. in Lbs.
1"	NH (NST)	40	<b>AK4802F *</b>	3.3
1½"	NH (NST)	125	<b>AK4820F *</b>	4.8
2½"	NH (NST)	200	<b>AK4825F</b>	7.1

\* supplied with pistol grip

## Aluminum Adjustable Constant Gallonage Fog Nozzles



fog nozzle with pistol grip



fog nozzle without pistol grip

These are live swivel inlet constant gallonage nozzles (flow remains the same in all patterns) with multiple flow settings for the combination of flow and control. Tight, hard hitting straight stream and wide dense fog pattern.

- for use up to **100 PSI** (water only)
- quality flow performance as low as **50 PSI**

Size	Thread	Constant GPM @ 100 PSI	Part #	Wt. in Lbs.
1"	NH (NST)	13-25-40-60	<b>AK1702F *</b>	3.3
1½"	NH (NST)	30-60-95-125	<b>AK1720F *</b>	4.8
2½"	NH (NST)	125-150-200-250	<b>AK1725F</b>	7.1

\* supplied with pistol grip

## Brass Street Cleaning Nozzles



street cleaning nozzle

- nozzle delivers a flat, centered spray pattern for flushing or street cleaning apparatus
- length: 6¾", width: 8½"
- for use up to **100 PSI** (water only)
- flows 300 GPM @ 100 PSI

Thread	Direction	Brass Part #	Wt. in Lbs.
2½" NPSH	center	<b>BFSCN250C</b>	8.5
2½" NPSH	left	<b>BFSCN250L</b>	8.5
2½" NPSH	right	<b>BFSCN250R</b>	8.5

## Aluminum Street Cleaning Nozzle



plug

- welded fabrication

Size	Thread	Brass Part #	Wt. in Lbs.
2"	female cam	<b>200DBAL</b>	6.50
3"	female cam	<b>300DBAL</b>	6.75

## Spanner and Hydrant Wrenches

## Aluminum Universal Spanner Wrench

Part #	Wt. Lbs.
<b>USW</b>	.62

- 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"



## Universal Wrench

Part #	Wt. Lbs.
<b>233</b>	1.16

- for pin lug or sensible (rocker) lug couplings 1" thru 4 1/2"
- a gas cock shutoff is provided in the handle
- iron, red epoxy painted
- overall length 11 1/4"



## Aluminum Forestry Pocket Spanner Wrench

Part #	Wt. Lbs.
<b>FSW1</b>	.12

- for use on 1" and 1 1/2" hoses
- meets USFDA specification 5100-101C
- overall length 5"



## Forestry Hose Clamp and Spanner

Part #	Wt. Lbs.
<b>FHCS150</b>	.63

- hose clamp is constructed from cast aluminum and brass
- Off-set handle enables the user to easily operate the clamp while wearing gloves.
- Designed to be used with lightweight 1" and 1 1/2" 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"



## Hole Type Spanner Wrench

Part #	Wt. Lbs.
<b>HTSW</b>	.20

- A rugged and dependable compact hole spanner designed for use on 3/4" and 1" booster hose couplings.
- constructed of AL-MAG 35
- overall length is 7 1/2"



## Folding Pocket Spanner Wrenches

Material	Part #	Wt. Lbs.
aluminum	<b>PSW</b>	.30
brass	<b>PSW-B</b>	.72
die cast zinc	<b>PSW-Z</b>	.56
yellow plastic	<b>PSW-Y</b>	.27

- a compact wrench easily carried in your jacket pocket
- designed to fit 3/4" to 3" sensible (rocker) lug and pin lug couplings





## Spanner and Hydrant Wrenches

### Adjustable Hydrant Wrench



- plated iron head and ½" plated steel handle
- for pentagon nuts up to 1¾"
- built-in spanner for pin or rocker lug couplings
- overall length 16¼"

Part #	Wt. Lbs.
<b>AHW</b>	2.7

### Pigtail Adjustable Hydrant Wrench



- 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 1-1/8"

Part #	Wt. Lbs.
<b>AHWPT</b>	4.5

### Heavy Duty Adjustable Hydrant Wrench



- plated iron head, 7/8" plated steel handle
- 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"
- overall length 18"

Part #	Wt. Lbs.
<b>189</b>	4.7

### Double Head Adjustable Hydrant Wrench



- for pentagon hydrant nuts up to 1-7/8" and square heads up to 1½"
- designed to fit 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 #	Wt. Lbs.
<b>189DH</b>	5

### 5 Hole Hydrant Wrench



- 5 pentagon holes designed to fit common hydrant nut sizes
- built-in spanner for pin or rocker lug couplings
- plated iron
- overall length 14¼"

Part #	Wt. Lbs.
<b>PHW</b>	1.94

### Grip-All Spanner Wrench



- lightweight aluminum, fits ¾" to 6" split lug, rocker lug and pin lug couplings
- can be operated in tight quarters
- A gas cock shutoff is provided in the handle. The handle is shaped to fit your hand allowing a positive grip on the coupling.

Part #	Wt. Lbs.
<b>GAW</b>	.52

### Long Handle Suction Spanner Wrench



- plated iron spanner for use on long handle, rocker lug, or pin lug couplings from 2½" to 6"
- Open end slips over long handles for additional leverage while 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's cam and groove pin lug or trapezoidal lug tank car adapters or 8" pin lug couplings.
- overall length 18-3/4"

Part #	Wt. Lbs.
<b>LHW</b>	3.25



## Storz Wrenches

## Pin Lug Spanner Wrenches - Single End Wrench

Size	Part #
1½"	<b>SW15</b>
2"	<b>SW20</b>
2½"	<b>SW25</b>
3"	<b>SW30</b>
4"	<b>SW40</b>
6"	<b>SW60</b>



## Storz Adjustable Hydrant Wrench

Part #	Northline Part #	Wt. Lbs.	
<b>SAHW</b>	<b>SWH</b>	6	<ul style="list-style-type: none"> <li>• ductile iron head</li> <li>• knurled chrome plated handle</li> <li>• manganese bronze adjustable jaw</li> </ul>



## Storz Spanner Wrench - Single End

Part #	Northline Part #	Wt. Lbs.	
<b>SZW1</b>	<b>SW1530</b>	2	<ul style="list-style-type: none"> <li>• SZW1 for 1", 1½", 2", 2½", and 3" - steel</li> <li>• SZW2 for use on 4", 5" and 6" Storz couplings AL-MAG 35</li> </ul>
<b>SZW2</b>	---	1	



## Storz Spanner Wrench - Double Ended

Size	Material	Part #	Northline Part #
4" - 6"	aluminum	<b>DSZW2</b>	<b>SW400</b>
4" - 6"	steel	<b>DSZW2-S</b>	<b>SW-S400</b>



## Aluminum Wrench Holder for Storz Spanner Wrenches

- designed to hold two SZW2 wrenches

## Holder Only

Part #	Northline Part #
<b>AWH2SZ</b>	<b>SWB</b>



## Holder with (2) Wrenches - Double Ended 4" - 6"

Part #	Description
<b>SWB-2</b>	2 Storz aluminum wrenches (4" - 6") with bracket
<b>SWB-S-2</b>	2 Storz steel wrenches (4" - 6") with bracket
<b>SWB-S-4</b>	4 Storz steel wrenches (4" - 6") with bracket



## Synthetic Mill Hose

Ideal for open end discharge applications. **Not intended for fire fighting service.**

- outer construction: single jacket, all synthetic
- tube construction: black, natural rubber liner
- ratings:
  - rated pressure: **250 PSI**
  - working pressure: **112 PSI**

### Uncoupled



uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	<b>M10-50UC</b>
1"	1-1/4"	100'	<b>M10-100UC</b>
1½"	1-11/16"	25'	<b>M15-25UC</b>
1½"	1-11/16"	50'	<b>M15-50UC</b>
1½"	1-11/16"	100'	<b>M15-100UC</b>
2"	2-1/4"	25'	<b>M20-25UC</b>
2"	2-1/4"	50'	<b>M20-50UC</b>
2"	2-1/4"	100'	<b>M20-100UC</b>
2½"	2-11/16"	25'	<b>M25-25UC</b>
2½"	2-11/16"	50'	<b>M25-50UC</b>
2½"	2-11/16"	100'	<b>M25-100UC</b>
3"	3-3/8"	25'	<b>M30-25UC</b>
3"	3-3/8"	50'	<b>M30-50UC</b>
3"	3-3/8"	100'	<b>M30-100UC</b>
4"	4-3/8"	25'	<b>M40-25UC</b>
4"	4-3/8"	50'	<b>M40-50UC</b>
4"	4-3/8"	100'	<b>M40-100UC</b>
6"	6-3/8"	25'	<b>M60-25UC</b>
6"	6-3/8"	50'	<b>M60-50UC</b>

### Coupled



#### Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NPSH RAS Part #	Rocker Lug Aluminum NST RAF Part #	Rocker Lug Aluminum Customer Thread Part #	Rocker Lug Aluminum MNPT x MNPT
1½"	50'	<b>M15-50RAS</b>	<b>M15-50RAF</b>	---	<b>M15-50RAT</b>
1½"	100'	<b>M15100RAS</b>	<b>M15100RAF</b>	---	<b>M15100RAT</b>
2"	50'	<b>M20-50RAS</b>	---	---	<b>M20-50RAT</b>
2"	100'	<b>M20100RAS</b>	---	---	<b>M20100RAT</b>
2½"	25'	<b>M25-25RAS</b>	<b>M25-25RAF</b>	<b>M25-25RA__</b>	---
2½"	50'	<b>M25-50RAS</b>	<b>M25-50RAF</b>	<b>M25-50RA__</b>	---
2½"	100'	<b>M25100RAS</b>	<b>M25100RAF</b>	<b>M25100RA__</b>	---

Note: See page 169 for thread designation

Consult the factory for pricing and availability for any of the following features:

- 75' lengths
- other threads and configurations

## Mill Hose - White

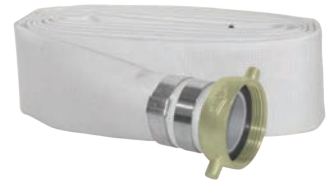
Ideal for open end discharge applications. **Not intended for fire fighting service.**

- outer construction: single jacket, all synthetic
- tube construction: black, natural rubber liner

### Suction Couplings

#### NH (NST) Thread

NH (NST) Thread	Clamps per End	Length	Working Pressure <b>PSI</b>	Part #
1½"	2	25'	<b>75</b>	<b>M15-25KAF</b>
1½"	2	50'	<b>75</b>	<b>M15-50KAF</b>
2½"	2	25'	<b>50</b>	<b>M25-25KAF</b>
2½"	2	50'	<b>50</b>	<b>M25-50KAF</b>



coupled with NST suction fitting

#### NPSH Thread

NPSH Thread	Clamps per End	Length	Working Pressure <b>PSI</b>	Part #
1½"	2	25'	<b>75</b>	<b>M15-25KAS</b>
1½"	2	50'	<b>75</b>	<b>M15-50KAS</b>
2"	2	25'	<b>75</b>	<b>M20-25KAS</b>
2"	2	50'	<b>75</b>	<b>M20-50KAS</b>
2½"	2	25'	<b>50</b>	<b>M25-25KAS</b>
2½"	2	50'	<b>50</b>	<b>M25-50KAS</b>
3"	3	25'	<b>50</b>	<b>M30-25KAS</b>
3"	3	50'	<b>50</b>	<b>M30-50KAS</b>



coupled with NPSH suction fitting

### Cam and Groove Couplings

#### Cam and Groove

Cam and Groove	Clamps per End	Length	Working Pressure <b>PSI</b>	Part #
1½"	2	25'	<b>112</b>	<b>M15-25GAX</b>
1½"	2	50'	<b>112</b>	<b>M15-50GAX</b>
2"	2	25'	<b>112</b>	<b>M20-25GAX</b>
2"	2	50'	<b>112</b>	<b>M20-50GAX</b>
2½"	2	25'	<b>112</b>	<b>M25-25GAX</b>
2½"	2	50'	<b>112</b>	<b>M25-50GAX</b>
3"	2	25'	<b>112</b>	<b>M30-25GAX</b>
3"	2	50'	<b>112</b>	<b>M30-50GAX</b>
4"	2	25'	<b>112</b>	<b>M40-25GAX</b>
4"	2	50'	<b>112</b>	<b>M40-50GAX</b>



coupled with cam and groove fitting

Consult the factory for pricing and availability for any of the following features:

- additional lengths
- other configurations

## Synthetic Double Jacket Mill Hose

Ideal for open end discharge applications. **Not intended for fire fighting service.**

- outer construction: double jacket, all polyester
- tube construction: black, natural rubber liner
- ratings:
  - rated pressure: **250 PSI**
  - working pressure: **200 PSI**



uncoupled

### Uncoupled

Size	Bowl	Length	Part #
1½"	1-13/16"	50'	<b>DM15-50UC</b>
1½"	1-13/16"	100'	<b>DM15-100UC</b>
2"	2-5/16"	50'	<b>DM20-50UC</b>
2"	2-5/16"	100'	<b>DM20-100UC</b>
2½"	2-7/8"	50'	<b>DM25-50UC</b>
2½"	2-7/8"	100'	<b>DM25-100UC</b>

\* Double jacket hoses are **not** recommended for use with field reattachable couplings (Flat Seal).



coupled

### Coupled

#### NH (NST) Thread

NH (NST) Thread	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>DM15-50RAF</b>
1½"	rocker lug, aluminum	100'	<b>DM15100RAF</b>
2½"	rocker lug, aluminum	50'	<b>DM25-50RAF</b>
2½"	rocker lug, aluminum	100'	<b>DM25100RAF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>DM15-50RAS</b>
1½"	rocker lug, aluminum	100'	<b>DM15100RAS</b>
2"	rocker lug, aluminum	50'	<b>DM20-50RAS</b>
2"	rocker lug, aluminum	100'	<b>DM20100RAS</b>

#### Customer Thread

Size	Coupling Type	Length	Part #
2½"	rocker lug, aluminum	50'	<b>DM25-50RA__</b>
2½"	rocker lug, aluminum	100'	<b>DM25100RA__</b>

#### Aluminum MNPT x MNPT

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>DM15-50RAT</b>
1½"	rocker lug, aluminum	100'	<b>DM15100RAT</b>
2"	rocker lug, aluminum	50'	<b>DM20-50RAT</b>
2"	rocker lug, aluminum	100'	<b>DM20100RAT</b>
2½"	rocker lug, aluminum	50'	<b>DM25-50RAT</b>
2½"	rocker lug, aluminum	100'	<b>DM25100RAT</b>

Note: See page 169 for thread designation

Consult the factory for pricing and availability for any of the following features:

- 75' lengths
- other threads and configurations

**New  
for 2012**



## 300# Single Jacket All-Polyester Fire Hose - White

- outer construction: single jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **300 PSI**
  - service test pressure: **150 PSI**
  - working pressure: **135 PSI**

### Uncoupled

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



uncoupled

### Coupled

#### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>A315-50RAF</b>
1½"	rocker lug, aluminum	100'	<b>A315100RAF</b>
1½"	rocker lug, brass	50'	<b>A315-50RBF</b>
1½"	rocker lug, brass	100'	<b>A315100RBF</b>
2½"	rocker lug, aluminum	50'	<b>A325-50RAF</b>
2½"	rocker lug, aluminum	100'	<b>A325100RAF</b>
2½"	rocker lug, brass	50'	<b>A325-50RBF</b>
2½"	rocker lug, brass	100'	<b>A325100RBF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>A315-50RAS</b>
1½"	rocker lug, aluminum	100'	<b>A315100RAS</b>
2½"	rocker lug, aluminum	50'	<b>A325-50RAS</b>
2½"	rocker lug, aluminum	100'	<b>A325100RAS</b>
3"	rocker lug, aluminum	50'	<b>A330-50RAS</b>
3"	rocker lug, aluminum	100'	<b>A330100RAS</b>

#### Customer Thread

Size	Coupling Type	Length	Part #
2½"	rocker lug, aluminum	25'	<b>A325-25RA__</b>
2½"	rocker lug, aluminum	50'	<b>A325-50RA__</b>
2½"	rocker lug, aluminum	100'	<b>A325100RA__</b>



coupled

Consult the factory for pricing and availability for any of the following features:

- other threads and configurations

\* 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.

## 500# Single Jacket All-Polyester Fire Hose - White

- outer construction: single jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **500 PSI**
  - service test pressure: **250 PSI**
  - working pressure: **225 PSI**

### Uncoupled



uncoupled

Size	Bowl	Length	Part #
1"	1¼"	50'	<b>A510-50UC</b>
1"	1¼"	100'	<b>A510-100UC</b>
1½"	1¾"	50'	<b>A515-50UC</b>
1½"	1¾"	100'	<b>A515-100UC</b>
2½"	2-13/16"	50'	<b>A525-50UC</b>
2½"	2-13/16"	100'	<b>A525-100UC</b>

### Coupled



#### Coupled with female and male expansion ring couplings

Size	Length	Rocker Lug Aluminum NST (NH) RAF Part #	Rocker Lug Brass NST (NH) RBF Part #	Rocker Lug Aluminum NPSH RAS Part #	Rocker Lug Aluminum Customer Thread Part #
1"	50'	---	---	<b>A510-50RAS</b>	---
1"	100'	---	---	<b>A510100RAS</b>	---
1½"	25'	<b>A515-25RAF</b>	<b>A515-25RBF</b>	<b>A515-25RAS</b>	---
1½"	50'	<b>A515-50RAF</b>	<b>A515-50RBF</b>	<b>A515-50RAS</b>	---
1½"	100'	<b>A515100RAF</b>	<b>A515100RBF</b>	<b>A515100RAS</b>	---
2½"	25'	<b>A525-25RAF</b>	<b>A525-25RBF</b>	---	<b>A525-25RA</b> __
2½"	50'	<b>A525-50RAF</b>	<b>A525-50RBF</b>	---	<b>A525-50RA</b> __
2½"	100'	<b>A525100RAF</b>	<b>A525100RBF</b>	---	<b>A525100RA</b> __

Consult the factory for pricing and availability for any of the following features:

- other threads and configurations

\* 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.



## 500# Single Jacket All-Polyester Fire Hose - UL labeled

- outer construction: single jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **500 PSI**
  - service test pressure: **250 PSI**
  - working pressure: **225 PSI**

### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, brass	50'	<b>A515U50CBF</b>
1½"	rocker lug, brass	75'	<b>A515U75CBF</b>
1½"	rocker lug, brass	100'	<b>A515U100CBF</b>

### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	combo lug, brass	50'	<b>A515U50CBS</b>
1½"	combo lug, brass	75'	<b>A515U75CBS</b>
1½"	combo lug, brass	100'	<b>A515U100CBS</b>



Consult the factory for pricing and availability for any of the following features:

- impregnated hose, other lengths, threads and couplings

## 500# Single Jacket Fire Hose - Color Impregnated

- outer construction: single jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **500 PSI\***
  - service test pressure: **250 PSI\***
  - working pressure: **225 PSI\***
- \* at ambient temperature (70°F)

### Coupled with female and male expansion ring couplings

Size	Coupling Type	Length	Color	Part #
1½"	rocker lug, aluminum, NST	50'	yellow	<b>A515Y50RAF</b>
1½"	rocker lug, aluminum, NST	50'	red	<b>A515R50RAF</b>
1½"	rocker lug, aluminum, NST	50'	orange	<b>A515OR50RAF</b>
1½"	rocker lug, aluminum, NPSH	50'	orange	<b>A515OR50RAS</b>

Consult the factory for pricing and availability for any of the following features:

- other colors, other lengths, and other threads and couplings



Orange



Red

## 800# Double Jacket All-Polyester Fire Hose - White

- outer construction: double jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **800 PSI**
  - service test pressure: **400 PSI**
  - working pressure: **360 PSI**

### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	25'	<b>D815-25RAF</b>
1½"	Rocker lug, aluminum	50'	<b>D815-50RAF</b>
1½"	Rocker lug, aluminum	100'	<b>D815100RAF</b>
1½"	Rocker Lug, brass	50'	<b>D815-50RBF</b>
1½"	Rocker Lug, brass	100'	<b>D815100RBF</b>
2½"	Rocker lug, aluminum	25'	<b>D825-25RAF</b>
2½"	Rocker lug, aluminum	50'	<b>D825-50RAF</b>
2½"	Rocker lug, aluminum	100'	<b>D825100RAF</b>
2½"	Rocker Lug, brass	50'	<b>D825-50RBF</b>
2½"	Rocker Lug, brass	100'	<b>D825100RBF</b>

### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	50'	<b>D815-50RAS</b>
1½"	Rocker lug, aluminum	100'	<b>D815100RAS</b>
1½"	Rocker Lug, brass	50'	<b>D815-50RBS</b>
1½"	Rocker Lug, brass	100'	<b>D815100RBS</b>
2½"	Rocker lug, aluminum	50'	<b>D825-50RAS</b>
2½"	Rocker lug, aluminum	100'	<b>D825100RAS</b>
2½"	Rocker Lug, brass	50'	<b>D825-50RBS</b>

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings



## 800# Double Jacket All-Polyester Fire Hose Yellow Impregnated

- outer construction: double jacket, all polyester
- tube construction: black, extruded EPDM rubber liner
- ratings:
  - proof pressure: **800 PSI**
  - service test pressure: **400 PSI**
  - working pressure: **360 PSI**

### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	50'	<b>D815Y50RAF</b>
1½"	Rocker Lug, brass	50'	<b>D815Y50RBF</b>
2½"	Rocker lug, aluminum	50'	<b>D825Y50RAF</b>
2½"	Rocker Lug, brass	50'	<b>D825Y50RBF</b>

### Customer Thread

Size	Thread	Length	Part #
1½"	NPSH	50'	<b>D815Y50RAS</b>
1½"	NPSH	100'	<b>D815Y100RAS</b>
2½"	Customer Specify	50'	<b>D825Y50RA__</b>
2½"	Customer Specify	100'	<b>D825Y100RA__</b>



Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings
- other colors: yellow, red, blue, tan, orange, green, black

## MSHA Approved Mine Fire Hose

- approved by MSHA : **M**ine **S**afety and **H**ealth **A**dministration for all mine fire protection applications

### Single Jacket

- outer construction: single jacket, synthetic *flame resistant*
- tube construction: *flame resistant* lining
- ratings:
  - proof pressure: **500 PSI**
  - service test pressure: **250 PSI**
  - working pressure: **225 PSI**

#### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>SM515W50RAF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>SM515W50RAS</b>



single jacket

### Double Jacket

- outer construction: double jacket, synthetic *flame resistant*
- tube construction: *flame resistant* lining
- ratings:
  - proof pressure: **800 PSI**
  - service test pressure: **400 PSI**
  - working pressure: **360 PSI**

#### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>DM815W50RAF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	rocker lug, aluminum	50'	<b>DM815W50RAS</b>



double jacket

## Double Jacket Potable Water Hose - Blue

- outer construction: double jacket, all polyester
- tube construction: thermoplastic
- ratings:
  - proof pressure: **600 PSI**
  - service test pressure: **300 PSI**
  - working pressure: **270 PSI**



Size	Coupling Type	Length	Thread	Part #
1½"	Rocker lug, brass	50'	NPSH	<b>PW615B50RBS</b>
1½"	Rocker lug, brass	100'	NPSH	<b>PW615B100RBS</b>
1½"	Rocker lug, brass	50'	NST	<b>PW615B50RBF</b>
1½"	Rocker lug, brass	100'	NST	<b>PW615B100RBF</b>
2½"	Rocker lug, brass	50'	NPSH	<b>PW625B50RBS</b>
2½"	Rocker lug, brass	100'	NPSH	<b>PW625B100RBS</b>
2½"	Rocker lug, brass	50'	NST	<b>PW625B50RBF</b>
2½"	Rocker lug, brass	100'	NST	<b>PW625B100RBF</b>

## Forestry Fire Hose - Non-Weeping

- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- ratings:
  - proof pressure: **600 PSI**
  - service test pressure: **300 PSI**
  - working pressure: **270 PSI**



### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	50'	<b>NF615Y50RAF</b>
1½"	Rocker lug, aluminum	100'	<b>NF615Y100RAF</b>

### NPSH Thread

Size	Coupling Type	Length	Part #
1"	Rocker lug, aluminum	50'	<b>NF610Y50RAS</b>
1"	Rocker lug, aluminum	100'	<b>NF610Y100RAS</b>

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings

## Forestry Mop Up Hose

Forest fire applications include mop-up, low volume hand lines, filling pump cans, supplying sprinklers and remote fire line protection. 50' coil diameter is 9".

- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- impregnation: yellow
- ratings:
  - proof pressure: **300 PSI**
  - service test pressure: **150 PSI**
  - working pressure: **135 PSI**



### GHT Thread

Size	Coupling Type	Length	Part #
¾"	ferrule, brass	50'	<b>NF307Y50GHT</b>

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings

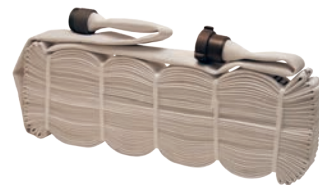
## 500# All Polyester Rack Hose - Aluminum Couplings non-UL Labeled

**Outer construction:**  
single jacket, all polyester

**Tube construction:**  
clear thermoplastic

proof pressure: **500 PSI** \*  
service test pressure: **250 PSI** \*  
working pressure: **225 PSI** \*  
\* at ambient temperature (70°F)

- **Not** to be used for washdown  
*For pin rack service / emergency fire fighting only.*



folded

*Coupled with female and male aluminum expansion ring couplings*

Size	Length	Thread	Folded Part #	Coiled Part #
1½"	50'	NST	<b>R515-50RAF/F</b>	<b>R515-50RAF</b>
1½"	50'	NPSH	<b>R515-50RAS/F</b>	<b>R515-50RAS</b>
1½"	100'	NST	<b>R515100RAF/F</b>	<b>R515100RAF</b>
1½"	100'	NPSH	<b>R515100RAS/F</b>	<b>R515100RAS</b>



coiled

## 500# All Polyester Rack Hose - Aluminum Couplings UL Labeled (UL)

**Outer construction:**  
single jacket, all polyester

**Tube construction:**  
clear thermoplastic

proof pressure: **300 PSI** \*  
service test pressure: **150 PSI** \*  
working pressure: **135 PSI** \*  
\* at ambient temperature (70°F)

- Underwriters Listed
- **Not** to be used for washdown  
*For pin rack service / emergency fire fighting only.*



folded

*Coupled with female and male aluminum expansion ring couplings*

Size	Length	Thread	Folded Part #	Coiled Part #
1½"	50'	NST	<b>R515U50RAF/F</b>	<b>R515U50RAF</b>
1½"	50'	NPSH	<b>R515U50RAS/F</b>	<b>R515U50RAS</b>
1½"	100'	NST	<b>R515U100RAF/F</b>	<b>R515U100RAF</b>
1½"	100'	NPSH	<b>R515U100RAS/F</b>	<b>R515U100RAS</b>



coiled



## 500# All Polyester Rack Hose - Brass Couplings non-UL Labeled

**Outer construction:**  
single jacket, all polyester

**Tube construction:**  
clear thermoplastic

proof pressure: **500 PSI** \*  
service test pressure: **250 PSI** \*  
working pressure: **225 PSI** \*  
\* at ambient temperature (70°F)

- **Not** to be used for washdown  
*For pin rack service / emergency fire fighting only.*



folded

**Coupled with female and male brass expansion ring couplings**



coiled

Size	Length	Thread	Folded Part #	Coiled Part #
1½"	50'	NST	<b>R515-50CBF/F</b>	<b>R515-50CBF</b>
1½"	100'	NST	<b>R515100CBF/F</b>	<b>R515100CBF</b>

## UL 500# All Polyester Rack Hose - Brass Couplings UL Labeled

**Outer construction:**  
single jacket, all polyester

**Tube construction:**  
clear thermoplastic

proof pressure: **300 PSI** \*  
service test pressure: **150 PSI** \*  
working pressure: **135 PSI** \*  
\* at ambient temperature (70°F)

- Underwriters Listed
- **Not** to be used for washdown  
*For pin rack service / emergency fire fighting only.*



folded

**Coupled with female and male brass expansion ring couplings**



coiled

Size	Length	Thread	Folded Part #	Coiled Part #
1½"	50'	NST	<b>R515U50CBF/F</b>	<b>R515U50CBF</b>
1½"	100'	NST	<b>R515U100CBF/F</b>	<b>R515U100CBF</b>



## 400# Nitrile Covered Fire Hose - Light Duty Red

- outer construction: thin ribbed nitrile
- tube construction: nitrile
- ratings:
  - proof pressure: **400 PSI**
  - service test pressure: **200 PSI**
  - working pressure: **180 PSI**

### Uncoupled

Size	Bowl	Length	Part #
2"	2-1/4"	50'	<b>H420R50UC</b>



uncoupled

### Coupled

#### NPSH Thread

Size	Coupling Type	Length	Part #
2"	Rocker lug, brass	50'	<b>H420R50RBS</b>

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings
- \* 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.

## 500# Nitrile Covered Fire Hose - Light Duty Red

- outer construction: thin, ribbed nitrile
- tube construction: nitrile
- ratings:
  - proof pressure: **500 PSI**
  - service test pressure: **250 PSI**
  - working pressure: **225 PSI**

### Uncoupled

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

### Coupled

#### NH (NST) Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	50'	<b>H515R50RAF</b>
1½"	Rocker lug, aluminum	100'	<b>H515R100RAF</b>
1½"	Rocker lug, brass	50'	<b>H515R50RBF</b>
1½"	Rocker lug, brass	100'	<b>H515R100RBF</b>
2½"	Rocker lug, aluminum	50'	<b>H525R50RAF</b>
2½"	Rocker lug, aluminum	100'	<b>H525R100RAF</b>
2½"	Rocker lug, brass	50'	<b>H525R50RBF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1½"	Rocker lug, aluminum	50'	<b>H515R50RAS</b>
1½"	Rocker lug, aluminum	100'	<b>H515R100RAS</b>
2½"	Rocker lug, aluminum	50'	<b>H525R50RAS</b>



Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings
- other colors: yellow, red, blue and black
- \* 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.

## Nitrile Covered Fire Hose - Heavy Duty Yellow

- outer construction: thick ribbed nitrile
- tube construction: nitrile
- ratings:
 

proof pressure:	service test pressure:	working pressure:
1"-3" - <b>600 PSI</b>	1"-3" - <b>300 PSI</b>	1"-3" - <b>270 PSI</b>
4" - <b>450 PSI</b>	4" - <b>225 PSI</b>	4" - <b>200 PSI</b>
5" - <b>400 PSI</b>	5" - <b>200 PSI</b>	5" - <b>180 PSI</b>
6" - <b>300 PSI</b>	6" - <b>150 PSI</b>	6" - <b>135 PSI</b>

### Uncoupled



uncoupled

Size	Bowl	Length	Part #
1"	1-1/4"	50'	<b>H610Y50UC</b>
1"	1-1/4"	100'	<b>H610Y100UC</b>
1½"	1-13/16"	50'	<b>H615Y50UC</b>
1½"	1-13/16"	100'	<b>H615Y100UC</b>
2"	2-1/4"	50'	<b>H620Y50UC</b>
2"	2-1/4"	100'	<b>H620Y100UC</b>
2½"	2-13/16"	50'	<b>H625Y50UC</b>
2½"	2-13/16"	100'	<b>H625Y100UC</b>
3"	3-3/8"	50'	<b>H630Y50UC</b>
3"	3-3/8"	100'	<b>H630Y100UC</b>
4"	4-5/16"	50'	<b>H440Y50UC</b>
4"	4-5/16"	100'	<b>H440Y100UC</b>
6"	6-5/16"	50'	<b>H360Y50UC</b>
6"	6-5/16"	100'	<b>H360Y100UC</b>

### Coupled

#### NH (NST) Thread

Size	Coupling Type	Length	Part #
1"	Rocker lug, aluminum	50'	<b>H610Y50RAF</b>
1"	Rocker lug, brass	50'	<b>H610Y50RBF</b>
1½"	Rocker lug, aluminum	50'	<b>H615Y50RAF</b>
1½"	Rocker lug, aluminum	100'	<b>H615Y100RAF</b>
1½"	Rocker lug, brass	50'	<b>H615Y50RBF</b>
1½"	Rocker lug, brass	100'	<b>H615Y100RBF</b>
2½"	Rocker lug, aluminum	50'	<b>H625Y50RAF</b>
2½"	Rocker lug, aluminum	100'	<b>H625Y100RAF</b>
2½"	Rocker lug, brass	50'	<b>H625Y50RBF</b>
2½"	Rocker lug, brass	100'	<b>H625Y100RBF</b>
3"	Rocker lug, aluminum	50'	<b>H630Y50RAF</b>
3"	Rocker lug, aluminum	100'	<b>H630Y100RAF</b>

#### NPSH Thread

Size	Coupling Type	Length	Part #
1"	Rocker lug, aluminum	50'	<b>H610Y50RAS</b>
1"	Rocker lug, brass	50'	<b>H610Y50RBS</b>
2"	Rocker lug, brass	50'	<b>H620Y50RBS</b>
2"	Rocker lug, brass	100'	<b>H620Y100RBS</b>
4"	Storz	50'	<b>H440Y50SZ</b>
4"	Storz	100'	<b>H440Y100SZ</b>
5"	Storz	50'	<b>H450Y50SZ</b>
5"	Storz	100'	<b>H450Y100SZ</b>



coupled

Consult the factory for pricing and availability for any of the following features:

- other threads and configurations
- other colors: yellow, red, blue and black

\* 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.

## Non-collapsible Fire and Utility Hose - Red

- outer construction: designed to withstand abrasion
- working pressure: **200 PSI**
- burst pressure: **600 PSI**

Size	Thread	Coupling Type	Length	Part #
1½"	NH (NST)	Rocker lug, brass	50'	<b>15B15-50RBF</b>
1½"	NH (NST)	Rocker lug, brass	75'	<b>15B15-75RBF</b>
1½"	NH (NST)	Rocker lug, brass	100'	<b>15B15-100RBF</b>
1½"	NPSH	Rocker lug, brass	50'	<b>15B15-50RBS</b>
1½"	NPSH	Rocker lug, brass	100'	<b>15B15-100RBS</b>



Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings

## Non-collapsible Chemical Booster Hose - Red

- Vertical braid construction and ozone resistant outer cover is designed to withstand weathering and abrasion associated with severe service.
- coupled with male and female NH (NST) threaded, hole type chromed brass couplings.
- working pressure: **800 PSI**

NH (NST) Thread	Coupling Type	Length	Part #
¾"	Hole type, chromed brass	50'	<b>80B07-50HCF</b>
¾"	Hole type, chromed brass	100'	<b>80B07-100HCF</b>
1"	Hole type, chromed brass	50'	<b>80B10-50HCF</b>
1"	Hole type, chromed brass	100'	<b>80B10-100HCF</b>



Consult the factory for pricing and availability for any of the following features:

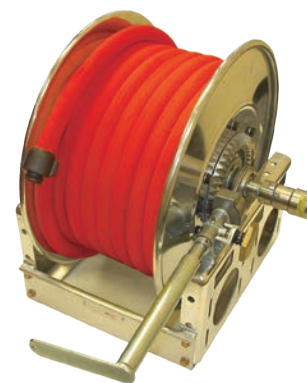
- other lengths, threads and couplings

- ¾" and 1" NST (NH) threads are the same size; also known as Chemical Hose Thread (CHT) or Booster Hose Thread

## Boostlite Lightweight Non-collapsible Reel Hose - Red

- minimum bend radius of 9" makes hose kink resistant
- superior lining adhesion provides a smoother waterway resulting in lower friction loss
- construction: helically reinforced all synthetic single jacket
- tube: clear polyurethane
- impregnation: red
- working pressure: **360 PSI**
- service pressure: **400 PSI**
- proof pressure: **800 PSI**

Size	Thread	Coupling Type	Length	Part #
1"	NPSH	Rocker lug, aluminum	100'	<b>BL810R100RAS</b>
1"	NH (NST)	Rocker lug, aluminum	100'	<b>BL810R100RAF</b>



(sold separately from reel)

- \* ¾" and 1" NST (NH) threads are the same size. Also known as Chemical Hose Thread or Booster Hose Thread.

Note: other colors are available.

## Dixon Northline PVC Flexible Suction Hose



### Construction

Dixon Northline has developed the industry's lightest flexible suction hose. The suction hose design incorporates engineered polymers and extruded aluminum parts to maximize strength, durability and performance.

### Specifications

Applications : designed for drafting use only  
Maximum Operating Pressure: **35 PSI**

### Options

**Sizes** - 2½", 3", 4", 4½", 5" and 6" standard smaller and larger diameters available upon request

**Lengths** - 10' standard length shorter and longer lengths available upon request

**Couplings** - NST, CamLock, Storz, and special threads

## Features & Benefits

### Hose

- Flexible PVC and lightweight for ease of operation
- Black helix design for easier maintenance and UV protection
- Clear PVC provides a view of water flow and assists in obtaining prime

### Hose Collars

- High performance injection molded polymer design ensures a 360° seal
- High-tech polymer material offers durability and reduces overall hose weight up to 12%
- Flexible design allows quick and easy in field serviceability with ¼" socket wrench

### Hose Ends

- 6061-T6 lightweight structural aluminum extruded components for maximum strength and durability
- Black anodized for protection against corrosion and laser engraved
- Roller "disc" bearings for maximum performance and sheer strength

Dixon Northline Lightweight PVC Flexible Suction Hose is top quality hose supplied by Goodyear. The suction hose sizes range from 2½" to 6". Our aluminum couplings are made from extruded 6061-T6 lightweight aluminum alloy. Threaded couplings are finished black anodized and laser engraved with a clear understanding of the thread type and size being provided. All swivels are attached using roller bearings and are supplied as long handle or rocker lug style.

With the most advanced collar attachment in the industry, Dixon Northline's Suction Hose is far superior to others in the industry. The collar is made from durable lightweight plastic, molded four inches wide. With the length of the shank on the coupling, inserted into the hose and the width of the collar combined, the chance of leakage is minimal when the hose is flexed while in use.

## Dixon Northline PVC Flexible Suction Hose Couplings with PVC Flexible Suction Hose

### 2½" Couplings with 3" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	Storz x Storz Part #	Camlock x Camlock Part #
2½" x 10'	<b>FSH-9682-000</b>	<b>FSH-9682-050</b>	<b>FSH-9682-020</b>	<b>FSH-9682-030</b>
2½" x 15'	<b>FSH-9682-000-15</b>	<b>FSH-9682-050-15</b>	<b>FSH-9682-020-15</b>	<b>FSH-9682-030-15</b>
2½" x 20'	<b>FSH-9682-000-20</b>	<b>FSH-9682-050-20</b>	<b>FSH-9682-020-20</b>	<b>FSH-9682-030-20</b>
2½" x 25'	<b>FSH-9682-000-25</b>	<b>FSH-9682-050-25</b>	<b>FSH-9682-020-25</b>	<b>FSH-9682-030-25</b>

### 3" Couplings with 3" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	Storz x Storz Part #	Camlock x Camlock Part #
3" x 10'	<b>FSH-9682-100</b>	<b>FSH-9682-150</b>	<b>FSH-9682-120</b>	<b>FSH-9682-130</b>
3" x 15'	<b>FSH-9682-100-15</b>	<b>FSH-9682-150-15</b>	<b>FSH-9682-120-15</b>	<b>FSH-9682-130-15</b>
3" x 20'	<b>FSH-9682-100-20</b>	<b>FSH-9682-150-20</b>	<b>FSH-9682-120-20</b>	<b>FSH-9682-130-20</b>
3" x 25'	<b>FSH-9682-100-25</b>	<b>FSH-9682-150-25</b>	<b>FSH-9682-120-25</b>	<b>FSH-9682-130-25</b>

### 4" Couplings with 4" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	Storz x Storz Part #	Camlock x Camlock Part #
4" x 10'	<b>FSH-9682-200</b>	<b>FSH-9682-250</b>	<b>FSH-9682-220</b>	<b>FSH-9682-230</b>
4" x 15'	<b>FSH-9682-200-15</b>	<b>FSH-9682-250-15</b>	<b>FSH-9682-220-15</b>	<b>FSH-9682-230-15</b>
4" x 20'	<b>FSH-9682-200-20</b>	<b>FSH-9682-250-20</b>	<b>FSH-9682-220-20</b>	<b>FSH-9682-230-20</b>
4" x 25'	<b>FSH-9682-200-25</b>	<b>FSH-9682-250-25</b>	<b>FSH-9682-220-25</b>	<b>FSH-9682-230-25</b>

### 4½" Couplings with 5" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	F L/H x F L/H Part #
4½" x 10'	<b>FSH-9682-300</b>	<b>FSH-9682-350</b>	<b>FSH-9682-310</b>
4½" x 15'	<b>FSH-9682-300-15</b>	<b>FSH-9682-350-15</b>	<b>FSH-9682-310-15</b>
4½" x 20'	<b>FSH-9682-300-20</b>	<b>FSH-9682-350-20</b>	<b>FSH-9682-310-20</b>
4½" x 25'	<b>FSH-9682-300-25</b>	<b>FSH-9682-350-25</b>	<b>FSH-9682-310-25</b>

### 5" Couplings with 5" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	Storz x Storz Part #	Camlock x Camlock Part #
5" x 10'	<b>FSH-9682-400</b>	<b>FSH-9682-450</b>	<b>FSH-9682-420</b>	<b>FSH-9682-430</b>
5" x 15'	<b>FSH-9682-400-15</b>	<b>FSH-9682-450-15</b>	<b>FSH-9682-420-15</b>	<b>FSH-9682-430-15</b>
5" x 20'	<b>FSH-9682-400-20</b>	<b>FSH-9682-450-20</b>	<b>FSH-9682-420-20</b>	<b>FSH-9682-430-20</b>
5" x 25'	<b>FSH-9682-400-25</b>	<b>FSH-9682-450-25</b>	<b>FSH-9682-420-25</b>	<b>FSH-9682-430-25</b>

### 6" Couplings with 6" Flexible PVC Suction Hose

Length	Female L/H x Male Part #	Female R/L x Male Part #	Storz x Storz Part #	Camlock x Camlock Part #
6" x 10'	<b>FSH-9682-500</b>	<b>FSH-9682-550</b>	<b>FSH-9682-520</b>	<b>FSH-9682-530</b>
6" x 15'	<b>FSH-9682-500-15</b>	<b>FSH-9682-550-15</b>	<b>FSH-9682-520-15</b>	<b>FSH-9682-530-15</b>
6" x 20'	<b>FSH-9682-500-20</b>	<b>FSH-9682-550-20</b>	<b>FSH-9682-520-20</b>	<b>FSH-9682-530-20</b>
6" x 25'	<b>FSH-9682-500-25</b>	<b>FSH-9682-550-25</b>	<b>FSH-9682-520-25</b>	<b>FSH-9682-530-25</b>

Note: different lengths are available



female L/H x male R/L



storz x storz



camlock x camlock



# Dixon Northline PVC Flexible Suction Hose

## Suction Hose Accessories



female long handle



female rocker lug

### Suction Coupling - Female Swivel With Shank

Hose Size	Long Handle Part #	Rocker Lug Part #
2½" <sup>1</sup>	<b><i>FSH-9644-25 *</i></b>	<b><i>FSH-9645-25 *</i></b>
3"	<b><i>FSH-9644-30 *</i></b>	<b><i>FSH-9645-30 *</i></b>
4"	<b><i>FSH-9644-40 *</i></b>	<b><i>FSH-9645-40 *</i></b>
4½"	<b><i>FSH-9644-45 *</i></b>	<b><i>FSH-9645-45 *</i></b>
5"	<b><i>FSH-9644-50 *</i></b>	<b><i>FSH-9645-50 *</i></b>
6"	<b><i>FSH-9644-60 *</i></b>	<b><i>FSH-9645-60 *</i></b>

<sup>1</sup> 3" hose shank

### Suction Coupling - Male R/L With Shank



male rocker lug

Hose Size	Male Coupling Part #
2½" <sup>1</sup>	<b><i>FSH-9293-25</i></b>
3"	<b><i>FSH-9293-30</i></b>
4"	<b><i>FSH-9293-40</i></b>
4½"	<b><i>FSH-9293-45</i></b>
5"	<b><i>FSH-9293-50</i></b>
6"	<b><i>FSH-9293-60</i></b>

<sup>1</sup> 3" hose shank

K  
Suction  
Hose &  
Accessories

### Suction Coupling - Storz With Shank



Storz

Hose Size	Storz Coupling Part #
2½" <sup>1</sup>	<b><i>FSH-9293-020</i></b>
3"	<b><i>FSH-9293-120</i></b>
4"	<b><i>FSH-9293-220</i></b>
5"	<b><i>FSH-9293-420</i></b>
6"	<b><i>FSH-9293-520</i></b>

<sup>1</sup> 3" hose shank

### Suction Coupling - Hose Clamp Sets (2 pieces per set)



hose clamp

Hose Size	Clamp Part #
2½"	<b><i>FSH-9296-000</i></b>
3"	<b><i>FSH-9296-100</i></b>
4"	<b><i>FSH-9296-200</i></b>
4½"	<b><i>FSH-9296-300</i></b>
5"	<b><i>FSH-9296-400</i></b>
6"	<b><i>FSH-9296-500</i></b>



## Style Brute Expanders

### X-Pander

#### Compact Hand Pump

- Designed for forestry service, fire departments, small distributors and ski areas.
- All-in-one design means fewer parts and no hydraulic connections making the X-Pander reliable and service free.
- may be used to attached 1" thru 3" couplings
- ideal for in-house use or mounted in a service van for field repairs
- size: 13" wide x 17" deep x 10" high



X-Pander

Part #	Wt. Lbs.
<b>BruteXpand</b>	45

Brute expanders do not include any expansion unit assemblies. They must be ordered separately.

### Model 2

#### Bench Model Electric/Hydraulic

- designed for hose manufacturers and higher volume
- may be used to attach 1" thru 6" couplings
- 3,000 lb pump, 2,500 lb. workable
- 3,450 RPM, 1½ horsepower, single phase, 220 volt motor
- cylinder has 6" stroke, 4" bore, and 38,000 lbs of total thrust
- oil capacity: 9 gallons
- manually set external pressure relief valve
- size: 22" wide x 22" deep x 16" high



model 2

Part #	Wt. Lbs.
<b>Brute2</b>	400

Hose Couplings

## Expansion Unit Assemblies

Size	Part #	Wt. Lbs.
1½"	<b>16154</b>	4.51
1½" rack	<b>16101-RH</b>	7.30
2½" (Storz also)	<b>16171</b>	7.30



expansion unit assembly

## Expansion Rings

These rings are used with the fire hose couplings listed on pages 81-82.

- material: *85/15 red brass*
- working pressure: **50 PSI**



expansion rings

OD	Length	Wall Thickness	Part #	Wt. Lbs.
1"	1-1/4"	.05	<b>ER10125</b>	.07
1-1/2"	3/4"	.05	<b>ER1575</b>	.06
1-1/2"	7/8"	.05	<b>ER1587</b>	.07
1-1/2"	1"	.05	<b>ER1510</b>	.07
1-1/2"	1-1/4"	.05	<b>ER15125</b>	.09
1-3/4"	1-1/4"	.05	<b>ER17125</b>	.12
2½"	1-1/4"	.062	<b>ER27125</b>	.19
2½"	1-1/2"	.062	<b>ER27150</b>	.21
3"	2"	.07	<b>ER3020</b>	.44
4"	2"	.092	<b>ER4020</b>	.60

## Fire Hose Coupling Washers

### Swivel Washers

Swivel washers are used on the swivel end of the fire hose couplings listed on pages 81-82.

- material: *buna*



swivel washer  
SW150

ID	OD	THK	Part #	Powhatan Part #	Wt. Lbs.
1-1/16"	1-7/16"	1/8"	<b>SW100F</b>	46-012-00493	.01
1-9/16"	2-1/16"	1/8"	<b>SW150</b>	46-012-00505	.01
2-1/16"	2½"	1/8"	<b>SW200</b>	46-012-00510	.02
2-9/16"	3-3/16"	3/16"	<b>SW250</b>	46-012-00988	.02
3-1/16"	3-3/4"	1/4"	<b>SW300F</b>	46-012-00531	.05
4-1/6"	5-1/8"	1/4"	<b>SW400F</b>	46-012-00543	.09
4-9/16"	5-7/8"	1/4"	<b>SW450F</b>	46-012-00187	.14
5-1/16"	6-3/8"	1/4"	<b>SW500F</b>	46-012-00188	.09
6-1/16"	7-1/8"	1/4"	<b>SW600F</b>	46-012-00556	.10

### Tail Washers

Tail washers are used on the tail end of the fire hose couplings listed on pages 81-82.

- material: *buna*



tail washers

ID	OD	THK	Part #	Powhatan Part #	Wt. Lbs.
1-1/32"	1-5/16"	3/16"	<b>STW100</b>	---	.01
1-9/16"	1-3/4"	3/16"	<b>RTW150</b>	46-012-01193	.01
1-9/16"	1-27/32"	3/16"	<b>RTW151</b>	46-012-00499	.01
1-9/16"	1-15/16"	3/16"	<b>STW150</b>	46-012-00181	.01
1-9/16"	1-29/32"	3/16"	<b>STW151</b>	---	.01
1-5/8"	2-1/8"	3/16"	<b>DTW150</b>	46-012-00183	.01
1-9/16"	2-1/32"	3/16"	<b>DTW151</b>	---	.01
1-13/16"	2-1/8"	3/16"	<b>STW175</b>	---	.01
1-27/32"	2-5/16"	3/16"	<b>DTW175</b>	---	.01
2-9/16"	3"	1/4"	<b>STW250</b>	46-012-00184	.02
2-9/16"	3-1/32"	1/4"	<b>STW251</b>	---	.03
2-5/8"	3-1/4"	1/4"	<b>DTW250</b>	46-012-00186	.04
2-9/16"	3-5/32"	1/4"	<b>DTW251</b>	---	.03
3-1/8"	3-25/32"	1/4"	<b>DTW300</b>	---	.04

## Aluminum Expansion Ring Rocker Lug Couplings

- special tooling is required to attach these couplings to hose
- hardcoated finish
- all couplings come complete with expansion rings, swivel and tail washers
- 3 rocker lugs on male and female

### Couplings for Single Jacket Hose

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-11/16"	<b>S16168</b>	0.94
1½"	NPSH	1-3/4"	<b>S16175</b>	0.74
1½"	NPSH	1-13/16"	<b>S16181</b>	0.76
2"	NPSH	2¼"	<b>S20225</b>	1.56
2½"	NPSH	2-11/16"	<b>S26268</b>	1.87
2½"	NPSH	2-3/4"	<b>S26275</b>	1.99
2½"	NPSH	2-13/16"	<b>S26281</b>	1.95
1½"	NH (NST)	1-11/16"	<b>S16168F</b>	1.00
1½"	NH (NST)	1-3/4"	<b>S16175F</b>	0.74
1½"	NH (NST)	1-13/16"	<b>S16181F</b>	0.95
2"	NH (NST)	2¼"	<b>S20225F</b>	1.56
2½"	NH (NST)	2-11/16"	<b>S26268F</b>	1.78
2½"	NH (NST)	2-3/4"	<b>S26275F</b>	1.90
2½"	NH (NST)	2-13/16"	<b>S26281F</b>	2.04
1½"	MNPT *	1-11/16"	<b>MS16168T</b>	0.30
1½"	MNPT *	1¾"	<b>MS16175T</b>	0.35
2"	MNPT *	2¼"	<b>MS20225T</b>	0.65
2½"	MNPT *	2-11/16"	<b>MS26268T</b>	0.65



rocker lug  
expansion ring coupling

\* MNPT sold as single couplings

### Couplings for Double Jacket Hose

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-7/8"	<b>D16187</b>	0.72
1½"	NPSH	1-15/16"	<b>D16193</b>	0.76
1½"	NPSH	2-1/16"	<b>D16206</b>	0.76
2½"	NPSH	3"	<b>D263</b>	1.06
1½"	NH (NST)	1-7/8"	<b>D16187F</b>	0.80
1½"	NH (NST)	1-15/16"	<b>D16193F</b>	1.07
1½"	NH (NST)	2-1/16"	<b>D16206F</b>	0.76
2½"	NH (NST)	2-7/8"	<b>D26287F</b>	2.05
2½"	NH (NST)	3"	<b>D263F</b>	2.17
1½"	MNPT *	1-13/16"	<b>MD16181T</b>	0.40
2"	MNPT *	2-5/16"	<b>MD20231T</b>	0.35
2½"	MNPT *	2-7/8"	<b>MD26287T</b>	0.70



rocker lug  
expansion ring coupling

\* MNPT sold as single couplings

Consult the factory for pricing and availability for any of the following features:

- other sizes and threads
- females or males only

## Brass Expansion Ring Couplings

- special tooling is required to attach these couplings to hose
- all couplings come complete with expansion rings, swivel and tail washers

### Couplings for Rack Hose

- lugs on female only
- working pressure: **225 PSI**

Hose Size	Lugs	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	rocker	NPSH	1-11/16"	<b>RRH15168</b>	1.37
1½"	rocker	NH (NST)	1-11/16"	<b>RRH15168F</b>	1.37
1½"	pin	NPSH	1-11/16"	<b>RH16168</b>	0.55
1½"	pin	NH (NST)	1-11/16"	<b>RH16168F</b>	0.64

### Couplings for Single Jacket Hose

- lugs on female and male
- working pressure: **270 PSI**

#### Rocker Lug Couplings

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-3/4"	<b>RS15175</b>	2.23
1½"	NPSH	1-13/16"	<b>RS15181</b>	2.20
2½"	NPSH	2-13/16"	<b>RS25281</b>	5.50
1½"	NH (NST)	1-3/4"	<b>RS15175F</b>	2.23
1½"	NH (NST)	1-13/16"	<b>RS15181F</b>	2.20
2½"	NH (NST)	2-13/16"	<b>RS25281F</b>	5.50
2½"	NH (NST)	2-7/8"	<b>RS25287F</b>	5.60

#### Pin Lug Couplings

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-3/4"	<b>S15175</b>	2.38
1½"	NPSH	1-13/16"	<b>S15181</b>	2.12
2½"	NPSH	2-13/16"	<b>S25281</b>	4.43
2½"	NPSH	2-7/8"	<b>S25287</b>	4.50
1½"	NH (NST)	1-3/4"	<b>S15175F</b>	2.12
1½"	NH (NST)	1-13/16"	<b>S15181F</b>	2.09
2½"	NH (NST)	2-13/16"	<b>S25281F</b>	5.65
2½"	NH (NST)	2-7/8"	<b>S25287F</b>	5.76



rocker lug expansion ring coupling

### Couplings for Double Jacket Hose

- lugs on female and male
- working pressure: **360 PSI**

#### Rocker Lug Couplings

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-15/16"	<b>RD15193</b>	2.11
1½"	NPSH	2-1/16"	<b>RD15206</b>	2.08
2½"	NPSH	3"	<b>RD253</b>	6.12
1½"	NH (NST)	1-15/16"	<b>RD15193F</b>	2.11
1½"	NH (NST)	2-1/16"	<b>RD15206F</b>	2.08
2½"	NH (NST)	3"	<b>RD253F</b>	6.12

#### Pin Lug Couplings

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
1½"	NPSH	1-15/16"	<b>D15193</b>	2.49
2½"	NPSH	3"	<b>D253</b>	5.16
1½"	NH (NST)	1-15/16"	<b>D15193F</b>	2.58
2½"	NH (NST)	3"	<b>D253F</b>	6



pin lug expansion ring coupling

Consult the factory for pricing and availability for any of the following features:

- other sizes and threads
- females or males only

## Aluminum Hose Type Booster Hose Couplings

- special tooling is required to attach these couplings to hose
- hardcoat finish
- complete set
- working pressure: **800 PSI**

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
3/4"	1" NPSH	1-3/16"	<b>ABH08118</b>	.55
3/4"	1" NPSH	1-1/4"	<b>ABH08125</b>	.55
1"	1" NH (NST)	1-7/16"	<b>ABH10143F</b>	.60
1"	1" NPSH	1-7/16"	<b>ABH10143S</b>	.60
1"	1" NH (NST)	1-1/2"	<b>ABH10150F</b>	.60
1"	1" NPSH	1-1/2"	<b>ABH10150S</b>	.60
1"	1" NH (NST)	1-9/16"	<b>ABH10156F</b>	.60
1"	1" NPSH	1-9/16"	<b>ABH10156S</b>	.60



coupling

- 3/4" and 1" NST threads are the same size. Also known as Chemical Hose Thread (CHT) or Booster Hose Thread.

## Polished Chrome Plated Brass Hole Type Booster Hose Couplings

- special tooling is required to attach these couplings to hose
- complete set
- working pressure: **800 PSI**

Hose Size	Thread Type	Bowl	Part #	Wt. Lbs.
3/4"	3/4" NH (NST)	1-3/16"	<b>BW07118F-PC</b>	2
3/4"	3/4" NH (NST)	1-1/4"	<b>BW07125F-PC</b>	2
1"	1" NH (NST)	1-7/16"	<b>BW10143F-PC</b>	3
1"	1" NPSH	1-7/16"	<b>BW10143S-PC</b>	3
1"	1" NH (NST)	1-1/2"	<b>BW10150F-PC</b>	3
1"	1" NPSH	1-1/2"	<b>BW10150S-PC</b>	3
1"	1" NH (NST)	1-9/16"	<b>BW10156F-PC</b>	3
1"	1" NPSH	1-9/16"	<b>BW10156S-PC</b>	3



coupling

- 3/4" and 1" NST threads are the same size. Also known as Chemical Hose Thread (CHT) or Booster Hose Thread.

## Booster Hose Installation Kit

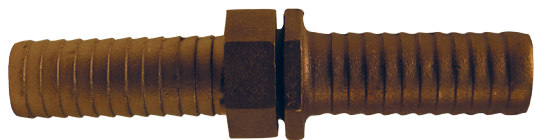
- set includes: clamp, key, wrench and half pint tar lube

Size	Part #	Wt. Lbs.
3/4" (with aluminum clamps)	<b>BW75AT</b>	2.95
1" (with aluminum clamps)	<b>BW10AT</b>	4.17



kit

## Brass Long Shank Couplings



Complete Coupling Set - female to male

coupling set hose shank x hose shank

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BLS63NST</b>	2.41
2½"	NH (NST)	<b>BLS93NST</b>	5.57



female x hose shank

Female Coupling - hose shank, nut and washer

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BLS150NST</b>	1.20
2½"	NH (NST)	<b>BLS250NST</b>	2.85

Male Coupling



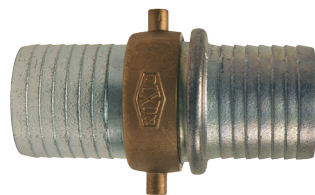
male x hose shank

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BLS20NST</b>	1.21
2½"	NH (NST)	<b>BLS30NST</b>	2.72

## King Short Shank Suction Hose Couplings

- aluminum with brass swivel nut

Complete Coupling Set - female to male



coupling set hose shank x hose shank

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>CAB150N</b>	0.63
2½"	NH (NST)	<b>CAB250N</b>	1.80



female x hose shank

Female Coupling - hose shank, nut and washer

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>FAB150N</b>	0.43
2½"	NH (NST)	<b>FAB250N</b>	1.10

Male Coupling



male x hose shank

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>MA150N</b>	0.21
2½"	NH (NST)	<b>MA250N</b>	0.74

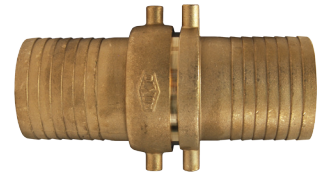


## King Short Shank Suction Hose Couplings

- BRASS with brass swivel nut

### Complete Coupling Set - female to male

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BS63N</b>	1.40
2½"	NH (NST)	<b>BS93N</b>	3.40



coupling set hose shank x hose shank

### Female Coupling - hose shank, nut and washer

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BS22N</b>	0.71
2½"	NH (NST)	<b>BS32N</b>	1.40



female x male

### Male Coupling

Hose Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>BS201</b>	0.67
2½"	NH (NST)	<b>BS301</b>	2.00



male x hose shank

## Global Cam and Groove

- designed to interchange with all products produced to MIL-C-27487F
- made to Dixon specifications and branded Dixon
- Buna seals are standard in all couplers
- Pressure rating for adapters, is based on the seal of the mating part.

- *Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons*



female NPT x male adapter

### Global Type A Adapters

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-A-AL</b>	<b>G50-A-BR</b>
3/4"	<b>G75-A-AL</b>	<b>G75-A-BR</b>
1"	<b>G100-A-AL</b>	<b>G100-A-BR</b>
1 1/4"	<b>G125-A-AL</b>	<b>G125-A-BR</b>
1 1/2"	<b>G150-A-AL</b>	<b>G150-A-BR</b>
2"	<b>G200-A-AL</b>	<b>G200-A-BR</b>
2 1/2"	<b>G250-A-AL</b>	<b>G250-A-BR</b>
3"	<b>G300-A-AL</b>	<b>G300-A-BR</b>
4"	<b>G400-A-AL</b>	<b>G400-A-BR</b>
5"	<b>G500-A-AL</b>	---
6"	<b>G600-A-AL</b>	---

### Global Type E Adapters



hose shank x male adapter

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-E-AL</b>	<b>G50-E-BR</b>
3/4"	<b>G75-E-AL</b>	<b>G75-E-BR</b>
1"	<b>G100-E-AL</b>	<b>G100-E-BR</b>
1 1/4"	<b>G125-E-AL</b>	<b>G125-E-BR</b>
1 1/2"	<b>G150-E-AL</b>	<b>G150-E-BR</b>
2"	<b>G200-E-AL</b>	<b>G200-E-BR</b>
2 1/2"	<b>G250-E-AL</b>	<b>G250-E-BR</b>
3"	<b>G300-E-AL</b>	<b>G300-E-BR</b>
4"	<b>G400-E-AL</b>	<b>G400-E-BR</b>
5"	<b>G500-E-AL</b>	---
6"	<b>G600-E-AL</b>	---
8"	<b>G800-E-AL</b>	---

### Global Type F Adapters



male NPT x male adapter

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-F-AL</b>	<b>G50-F-BR</b>
3/4"	<b>G75-F-AL</b>	<b>G75-F-BR</b>
1"	<b>G100-F-AL</b>	<b>G100-F-BR</b>
1 1/4"	<b>G125-F-AL</b>	<b>G125-F-BR</b>
1 1/2"	<b>G150-F-AL</b>	<b>G150-F-BR</b>
2"	<b>G200-F-AL</b>	<b>G200-F-BR</b>
2 1/2"	<b>G250-F-AL</b>	<b>G250-F-BR</b>
3"	<b>G300-F-AL</b>	<b>G300-F-BR</b>
4"	<b>G400-F-AL</b>	<b>G400-F-BR</b>
5"	<b>G500-F-AL</b>	---
6"	<b>G600-F-AL</b>	---

## Global Type DP Dust Plugs

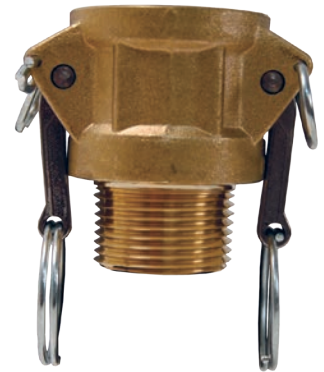
Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-DP-AL</b>	<b>G50-DP-BR</b>
3/4"	<b>G75-DP-AL</b>	<b>G75-DP-BR</b>
1"	<b>G100-DP-AL</b>	<b>G100-DP-BR</b>
1 1/4"	<b>G125-DP-AL</b>	<b>G125-DP-BR</b>
1 1/2"	<b>G150-DP-AL</b>	<b>G150-DP-BR</b>
2"	<b>G200-DP-AL</b>	<b>G200-DP-BR</b>
2 1/2"	<b>G250-DP-AL</b>	<b>G250-DP-BR</b>
3"	<b>G300-DP-AL</b>	<b>G300-DP-BR</b>
4"	<b>G400-DP-AL</b>	<b>G400-DP-BR</b>
5"	<b>G500-DP-AL</b>	---
6"	<b>G600-DP-AL</b>	---



dust plug

## Global Type B Couplers

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-B-AL</b>	<b>G50-B-BR</b>
3/4"	<b>G75-B-AL</b>	<b>G75-B-BR</b>
1"	<b>G100-B-AL</b>	<b>G100-B-BR</b>
1 1/4"	<b>G125-B-AL</b>	<b>G125-B-BR</b>
1 1/2"	<b>G150-B-AL</b>	<b>G150-B-BR</b>
2"	<b>G200-B-AL</b>	<b>G200-B-BR</b>
2 1/2"	<b>G250-B-AL</b>	<b>G250-B-BR</b>
3"	<b>G300-B-AL</b>	<b>G300-B-BR</b>
4"	<b>G400-B-AL</b>	<b>G400-B-BR</b>
5"	<b>G500-B-AL</b>	---
6"	<b>G600-B-AL</b>	---



female coupler x male NPT

## Global Type C Couplers

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
1/2"	<b>G50-C-AL</b>	<b>G50-C-BR</b>
3/4"	<b>G75-C-AL</b>	<b>G75-C-BR</b>
1"	<b>G100-C-AL</b>	<b>G100-C-BR</b>
1 1/4"	<b>G125-C-AL</b>	<b>G125-C-BR</b>
1 1/2"	<b>G150-C-AL</b>	<b>G150-C-BR</b>
2"	<b>G200-C-AL</b>	<b>G200-C-BR</b>
2 1/2"	<b>G250-C-AL</b>	<b>G250-C-BR</b>
3"	<b>G300-C-AL</b>	<b>G300-C-BR</b>
4"	<b>G400-C-AL</b>	<b>G400-C-BR</b>
5"	<b>G500-C-AL</b>	---
6"	<b>G600-C-AL</b>	---



female coupler x hose shank

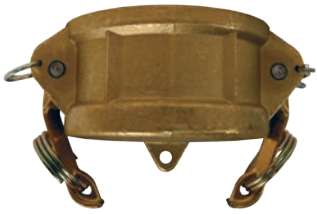
## Global Type D Couplers



female coupler x female NPT

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
½"	<b>G50-D-AL</b>	<b>G50-D-BR</b>
¾"	<b>G75-D-AL</b>	<b>G75-D-BR</b>
1"	<b>G100-D-AL</b>	<b>G100-D-BR</b>
1¼"	<b>G125-D-AL</b>	<b>G125-D-BR</b>
1½"	<b>G150-D-AL</b>	<b>G150-D-BR</b>
2"	<b>G200-D-AL</b>	<b>G200-D-BR</b>
2½"	<b>G250-D-AL</b>	<b>G250-D-BR</b>
3"	<b>G300-D-AL</b>	<b>G300-D-BR</b>
4"	<b>G400-D-AL</b>	<b>G400-D-BR</b>
5"	<b>G500-D-AL</b>	---
6"	<b>G600-D-AL</b>	---

## Global Type DC Dust Caps



dust cap

Size	A380 Aluminum Part #	ASTMC38000 Forged Brass Part #
½"	<b>G50-DC-AL</b>	<b>G50-DC-BR</b>
¾"	<b>G75-DC-AL</b>	<b>G75-DC-BR</b>
1"	<b>G100-DC-AL</b>	<b>G100-DC-BR</b>
1¼"	<b>G125-DC-AL</b>	<b>G125-DC-BR</b>
1½"	<b>G150-DC-AL</b>	<b>G150-DC-BR</b>
2"	<b>G200-DC-AL</b>	<b>G200-DC-BR</b>
2½"	<b>G250-DC-AL</b>	<b>G250-DC-BR</b>
3"	<b>G300-DC-AL</b>	<b>G300-DC-BR</b>
4"	<b>G400-DC-AL</b>	<b>G400-DC-BR</b>
5"	<b>G500-DC-AL</b>	---
6"	<b>G600-DC-AL</b>	---

## Pin Rack Hose Assembly



- Components include: rack nipple, U/L 300 PSI angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 1½" pin rack hose
- U/L listed and Factory Mutual approved

NH (NST) Thread	Hose	Part #	Wt. Lbs.
1½"	50'	<b>FHPR150-50CBF</b>	20
1½"	75'	<b>FHPR150-75CBF</b>	25
1½"	100'	<b>FHPR150-100CBF</b>	30



pin rack assembly

## Semi Automatic Fire Hose Pin Rack



- red steel enameled
- holds up to 100' of either 1½" or 2½" rack hose
- 1½" is U/L listed and Factory Mutual approved

Hose Size	For use with:			Part #	Wt. Lbs.
	Size	Valve	Nipple		
1½"	1½"	AVF150	PRN150F	<b>FHPR150</b>	4.4
1½"	2½"	AVF250	PRN250F	<b>FHPR2515</b>	4.5



pin rack

## Pin Rack Cover

- 10 oz. red vinyl with Velcro™ closures
- Used on FHPR150, FHPR50CBF, FHPR150-75CBF, FHPR150-100CBF

Size	Use with	Part #	Wt. Lbs.
25" x 30" x 6"	FHPR150	<b>PRC</b>	1.2
25" x 30" x 6"	FHPR150	<b>PRC-SPANISH</b>	1.2



pin rack cover

## Pin Rack Nipples

- material: *brass*
- finish: -C polished chrome plated

Male NPT	Male	Part #	Powhatan Part #	Wt. Lbs.
1½"	1½" NH (NST)	<b>PRN150F</b>	14-136-00287	0.8
1½"	1½" NH (NST)	<b>PRN150F-C</b>	14-136-00305	0.8
2½"	2½" NH (NST)	<b>PRN250F</b>	14-136-00288	2.2
2½"	2½" NH (NST)	<b>PRN250F-C</b>	14-136-00462	2.2
2½"	2½" CT	<b>PRN250</b>		2.2



rack nipple

## Pin Rack Wall Bracket

- aluminum wall bracket used to support hose rack independent of stand pipe valve

Part #	Powhatan Part #	Wt. Lbs.
<b>PRWB</b>	46-019-01561	0.7



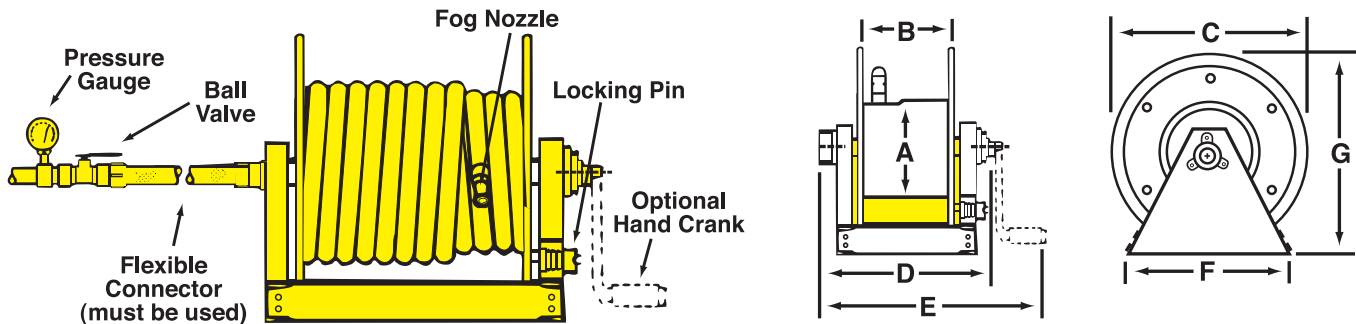
wall bracket

## Continuous Flow Reels

Used to allow immediate and continuous flow of water at all times during deployment of hose. One-person operation. Use with non-collapsible hose shown on page 119.

### Standard Features:

- powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- rims and universal mounting stand
- NPT inlet with male NH (NST) hose thread outlet



Part #	Hose Size and Capacity			Dimensions (inches)							Inlet Size (inches)	Outlet Size (inches)	Wt. (lbs)
	¾"	1"	1½"	A	B	C	D	E	F	G			
<b>CFR47-1-100</b>	150	125	---	10½	11½	24	19¼	24	21¾	26	1	1	53
<b>CFR47-150-100</b>	250	150	100	10½	20½	24	28¼	33	21¾	26	1½	1½	60
<b>CFR47-1-200</b>	400	300	150	10½	28	24	35¾	40½	21¾	26	1	1	64
<b>CFR47-150-200</b>	---	---	200	10½	34	24	41¾	46½	21¾	26	1½	1½	72

**Warning!!**  
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 shall void the warranty.*

### Optional Accessories

Description	Part #
1" x 18" flexible connector (MNPT x MNPT)	<b>DX2836</b>
1½" x 18" flexible connector (MNPT x MNPT)	<b>DX2839</b>
hand crank	<b>CFR-HC</b>
repair kit (contains O-ring, Teflon® retaining ring for the inlet casting, spacer washer, 2 steel retaining rings for the manifold)	<b>CFR-RK</b>

## Continuous Flow Hose Reel Covers

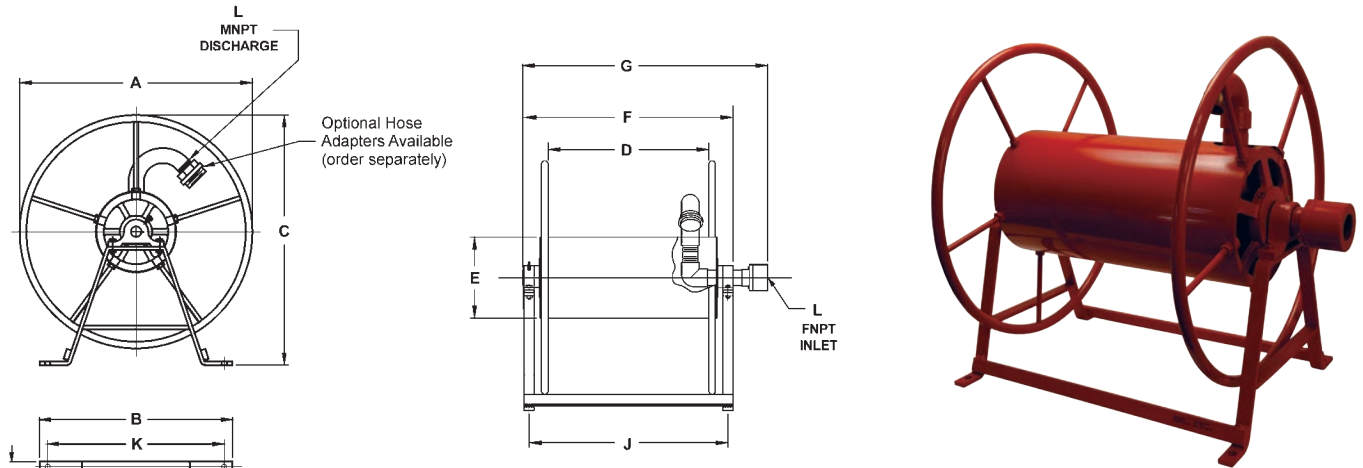


cover

Size	Use with	Part #	Wt. Lbs.
26 x 20	<b>CFR47-1-100</b>	<b>CFR47-C1</b>	1.2
26 x 36	<b>CFR47-1-200</b>	<b>CFR47-C2</b>	2.0
26 x 29	<b>CFR47-150-100</b>	<b>CFR47-C3</b>	2.0
26 x 42	<b>CFR47-150-200</b>	<b>CFR47-C4</b>	4.0



## Global Continuous Flow Reel (original Wirt & Knox design)



Part #	Hose Size and Capacity			Dimensions (inches)							Inlet Size (inches)	Outlet Size (inches)	Wt. (lbs.)
	¾"	1"	1½"	A	B	C	D	E	F	G			
<b>FD47I-150-100</b>	250	150	100	10	20	24	19	31	24¾	26	1½ NPT	1½ NPT	92

Optional Adapters (order separately):  
 FM15S15F = 1½" FNPSH x 1½" MNST brass  
 FM1515F = 1½" FNPT x 1½" MNST brass

## Global Continuous Flow Hose Reel Cover

Cover for	Dimensions	Part #
FD47I-150-100	22" x 24" x 24"	<b>FD47-C2</b>



cover

M  
Racks &  
Reels

## Replacement Inlet Swivel Joints for Wirt & Knox Continuous Flow Reels

Size	Part #	Material	Weight (lbs)
1"	<b>1212-0534-4</b>	steel	3.3
1½"	<b>1212-0540-4</b>	steel	5



inlet swivel joint

## Continuous Flow Hose Reel with Hand Crank

Designed for heavy duty applications requiring long lengths of hose, adaptable to both plant and field use. Trouble-free design ensures dependable performance and long product life. Reel frame, spool and drum are fabricated from heavy gauge steel with a durable red powder-coat finish. Easily converted to power-driven types.



- all bolted construction - no welds
- adjustable spool rotation drag eliminate hose backlash with de-reeling
- zinc plated swivel with Viton® O-ring seals
- full flow shaft and ball bearing swivel
- permanently lubricated dual main bearings
- lock pin to prevent spool rotation when the reel is not in use
- NPTF (F) inlet matches swivel size outlet male NPT
- 31" wide (including crank) x 21¼" tall x 17¾" deep with a 6" OD drum

Size	Non-collapsible Hose Capacity	Working Pressure PSI	Part #	Wt. Lbs.
1"	100' of 1" hose	300	<b>CA37118L</b>	58

## Style V Swing Type Hose Storage Reels

- drum storage of collapsible hose avoids damaging kinks, for longer hose life
- pivot mounting permits reel to swing to the proper angle preventing twists and kinks
- rugged all-steel construction
- open sides allow faster hose drying, to prevent mold and mildew
- red polyester powder coat finish
- wall mounting is standard
- 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

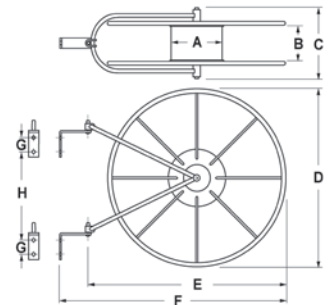
Hose Size	Hose Capacity			Part #	Wt. Lbs.
	rack	single jacket	double jacket		
1½" - 1¾"	100	75	50	<b>FHR-V1</b>	20
1½" - 1¾"	150	100	75	<b>FHR-V2</b>	24
1½"	300	200	150	<b>FHR-V5</b>	26
2" - 2½"	150	100	75	<b>FHR-V5</b>	26

### Dimensions

reel #	A	B	C	D	E	F	G	H	J
<b>FHR-V1</b>	8"	3"	7-1/2"	21"	23"	27"	2"	11-3/8"	-
<b>FHR-V2</b>	8"	3"	7-1/2"	26"	29"	33"	2"	15"	-
<b>FHR-V5</b>	8"	5-1/2"	9-1/2"	26"	30"	34"	2"	13"	-
<b>FHR-V5</b>	8"	5-1/2"	9-1/2"	26"	30"	34"	2"	13"	-



reel



Brackets for above reels - **1212-0930-4**, 2 per set

## Style V Swing Type Hose Storage Reel Covers

- fluorescent red vinyl coated nylon with Velcro™ closures
- printed on both sides

Size	Use with	Part #	Wt. Lbs.
21"	<b>FHR-V1</b>	<b>FHR-C1</b>	1.5
26"	<b>FHR-V2 &amp; FHR-V5</b>	<b>FHR-C</b>	1.5



cover

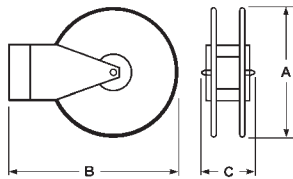
## Swing Type Hose Storage Reels

- 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
- solid steel (14 gauge) 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



reel

Hose Size	Hose Capacity		Part #	Wt. Lbs.
	Light Weight	Rubber Lined Single Jacket		
1½"	150	50-75	<b>HSR18</b>	12
1½"	250	100	<b>HSR24</b>	15
2½"	100	100	<b>HSR25-24</b>	20



### Dimensions

reel #	A	B	C
<b>HSR18</b>	18"	23-1/2"	6-1/4"
<b>HSR24</b>	24"	29"	6-1/4"
<b>HSR25-24</b>	24"	29"	8-1/4"

## Swing Type Hose Storage Reel Covers



cover

- 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

Size	Use with	Part #	Wt. Lbs.
16" - 18"	<i>HSR18</i>	<b>HSRC18</b>	0.50
24"	<i>HSR24</i>	<b>HSRC24</b>	0.75
26"	---	<b>HSRC26</b>	1.01
24" - 25"	<i>HSR25-24</i>	<b>HSRC25-24</b>	---

M

Racks &  
Reels

## Saddle Hose Racks - Steel

Saddle racks provide compact and economical hose storage, for all types of hose.

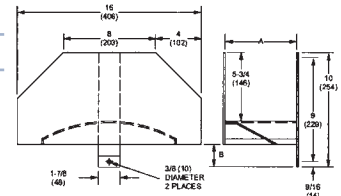
- can be used for fire or water hose
- overall width 16", height 10"
- fabricated of heavy 12 gauge sheet steel for rugged industrial and shipboard use
- curved saddle design avoids sharp bends in the hose to prolong hose life
- red enamel finish

Hose Size	Hose Capacity			Part #	Wt. Lbs.
	Rack	Single Jacket	Double Jacket		
1½" - 1¾"	50	75	50	<b>HR1610-3</b>	6.75
1½" - 1¾"	100	75	50	<b>HR1610-6</b>	6.70
1½" - 2½"	200	150	100	<b>HR1610</b>	7.42
2" - 2½"	50	150	100	<b>HR1610-4</b>	6.06



### Dimensions

reel #	A	B
<b>HR1610-3</b>	3-1/8"	¾"
<b>HR1610-6</b>	6¼"	1-5/8"
<b>HR1610</b>	9"	3"
<b>HR1610-4</b>	4¼"	1-5/8"



## Hump Racks

- 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 and appearance
- open sides allow faster drying to prevent mold and mildew
- wall mounting brackets are standard

Hose Size	Hose Capacity			Part #	Wt. Lbs.
	Synthetic	Single Jacket	Double Jacket		
1½" - 1¾"	100'	50'	---	<b>FHHR-1</b>	12.0
1½" - 1¾"	150'	100'	50'	<b>FHHR-3</b>	16.4
2" - 2½"	100'	50'	---	<b>FHHR-2</b>	13.0
2" - 2½"	150'	100	50	<b>FHHR-4</b>	17.5
1½" - 1¾"	200'	150'	100'	<b>FHHR-5</b>	24.0



## Hump Rack Covers

Size	Use with	Part #	Wt. Lbs.
16" x 25½" x 6"	<b>FHHR-1</b> or <b>FHHR-2</b>	<b>FHHR-C</b>	1
24" x 29½" x 6"	<b>FHHR-3</b> or <b>FHHR-4</b>	<b>FHHR-C4</b>	1
33½" x 35½" x 6"	<b>FHHR-5</b>	<b>FHHR-C5</b>	1



## Aluminum Fog Nozzles



fog nozzle

- constructed of anodized aluminum
- without bumper
- adjustable fog or straight stream
- color: black
- weight: 12 oz.
- Federal Supply Schedule certified

Size	Thread	60° Spray GPM @ 100 PSI at 21°C (70°F)	Part #	Wt. Lbs.
1½"	NPS	52	<b>AFN150</b>	.66
1½"	NST (NH)	52	<b>AFN150NST</b>	.80

## Aluminum Forestry Fog Nozzles

nozzle  
FFN75GHT

- maroon hard-coated barrel allows for easy identification
- 6061-T6 aluminum, corrosion resistant plated
- dual flow rate nozzles offer two straight stream and two fog patterns
- combination fog and straight stream
- for use up to **600 PSI** (water only)

Size	Thread	GPM @100 PSI Straight Stream		Part #	Wt. Lbs.
		1st	2nd		
¾"	GHT	1-2 <sup>1</sup>	3-4 <sup>1</sup>	<b>FFN75GHT</b>	0.66
1"	NPSH	12	25	<b>FFN100</b> <sup>2</sup>	0.57
1½"	NPSH	25	70	<b>FFN150</b>	1.00
1"	NH (NST)	12	25	<b>FFN100NST</b>	0.62
1½"	NH (NST)	25	70	<b>FFN150NST</b> <sup>3</sup>	0.87

<sup>1</sup> GPM @ 40 PSI

<sup>2</sup> FFN100 meets USFS 5100-239A and NSN 4210-01-165-6603

<sup>3</sup> FFN150NST meets USFS 5100-107A and NSN 4210-01-167-1123

nozzle  
FFN100nozzle  
FFN150NST



## Ball Shut-Off Forestry Grade Nozzles

- NFPA1964 compliant
- cast anodized aluminum body, hardcoated threads, and acetal ball, rigid inlet
- working pressure up to **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Part #	Wt. Lbs.
1"	NPSH	¾"	<b>FBSO100S</b>	1.00
1½"	NPSH	1"	<b>FBSO150S</b>	1.25
1"	NH (NST)	¾"	<b>FBSO100F</b>	1.00
1½"	NH (NST)	1"	<b>FBSO150F</b>	1.25



forestry grade ball nozzle

## Ball Shut-Off Forestry Grade Nozzles with Pistol Grip

- NFPA1964 compliant
- cast anodized aluminum body, hardcoated threads, and acetal ball, full time live swivel inlet
- working pressure up to **600 PSI** at ambient temperature (70°F)
- FSS specification 5100-238

Size	Thread	Waterway	Part #	Wt. Lbs.
1"	NPSH	¾"	<b>FBSO100S-PG</b>	1.5
1½"	NPSH	1"	<b>FBSO150S-PG</b>	2.0
1"	NH (NST)	¾"	<b>FBSO100F-PG</b>	1.5
1½"	NH (NST)	1"	<b>FBSO150F-PG</b>	2.0



forestry grade ball nozzle with pistol grip

## Break Apart Attack Nozzle - Aluminum

Break-Apart Attack Nozzles are designed as a low-cost, versatile, and easy-to-use nozzle for first responders in rural and suburban fire departments. Minimal training is required to connect and operate the nozzle. The nozzle uses a 1½" coupler, provides 20-90 GPM fog or straight stream flows at 100 PSI. The nozzle can be separated from the shut off valve for extended hose lays and other users.

- this product meets or exceeds USDA Forestry Service standards.

Size	Thread	Part #
1"	NPSH	<b>ABN100S</b>
1"	NST (NH)	<b>ABN100F</b>
1½"	NPSH	<b>ABN150S</b>
1½"	NST (NH)	<b>ABN150F</b>



break apart attack nozzle

## Aluminum Tips for Bolted Style Ball Shutoff Nozzle



NPSH shutoff nozzle tip



NH shutoff nozzle tip

- material: *anodized aluminum*
- lightweight construction
- for use up to **200 PSI** (water only)

Size	Thread	Length	Orifice *	Part #	Wt. Lbs.
1"	NPSH	4"	1/2"	<b>ANT100</b>	0.5
	NH (NST)	4-3/4"	1/2"	<b>ANT100F</b>	0.7
1½"	NPSH	4"	1/2"	<b>ANT150</b>	0.5
	NH (NST)	4-3/4"	1/2"	<b>ANT150F</b>	0.7

\* other orifice sizes available

## Thermoplastic Ball Shutoff with Nozzle

Designed for flexibility, the nozzle tip can be detached so a mating foam inductor can be inserted between the tip and shut-off valve.

- lightweight
- glass reinforced plastic
- black pistol grip shutoff with yellow nozzle
- plastic stem: 30 GPM (red)  
70 GPM (black)
- for use up to **150 PSI** (water / AFFF only)



ball shutoff with nozzle

Male NH (NST)	Flow Rate GPM	Part #	Wt. Lbs.
1½"	30	<b>FNPSO150F-30</b>	1.33
1½"	70	<b>FNPSO150F-70</b>	1.03

Male NPSH	Flow Rate GPM	Part #	Wt. Lbs.
1½"	30	<b>FNPSO150S-30</b>	1
1½"	70	<b>FNPSO150S-70</b>	1

## Thermoplastic Ball Shutoff

- lightweight
- glass reinforced plastic
- black pistol grip
- for use up to **200 PSI** (water / AFFF only)



ball shutoff

Size	Thread Type	Part #	Wt. Lbs.
1½"	NH (NST)	<b>PPSO150F</b>	.65
1½"	NPSH	<b>PPSO150S</b>	.65

## Thermoplastic Plain Hose Nozzles

- thermoplastic
- red finish
- for use up to **100 PSI** (*water only*) at ambient temperature 21°C (70°F)

Size	Thread	Length	Orifice	Part #
1½"	NPS	10"	½"	<b>PN15</b>
1½"	NST (NH)	10"	½"	<b>PN15F</b>



plain hose nozzle

## Thermoplastic Penetrator Nozzle

The black and yellow penetrator nozzle is 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. It is specifically designed with a ¼" discharge orifice, which generates a high velocity water jet that is effective against deep seated wildland fires.

- for use up to **200 PSI** (*water only*) at ambient temperature 21°C (70°F)

Size	Thread	Length	Orifice	Part #
1½"	NPS	5½"	¼"	<b>PFN4005S</b>
1½"	NST (NH)	5½"	¼"	<b>PFN4005F</b>



penetrator nozzle

## Twin Tip Straight Stream Forestry Nozzles

- The solid, one-piece reversible twin tip have 1/4" and 3/8" orifices.
- for use up to **100 PSI** (*water only*) at ambient temperature 21°C (70°F)

Size	Thread	Length with tip	Length without tip	Orifice of base nozzle	Part #
1½"	NPSH	9"	7½"	½"	<b>PTTF150S</b>
1½"	NST (NH)	9"	7½"	½"	<b>PTTF150F</b>



straight stream forestry nozzle

## Forestry Hose Clamp and Spanner

- hose clamp is constructed from cast aluminum and brass
- Off-set handle enables the user to easily operate the clamp while wearing gloves.
- Designed 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"

Part #	Wt. Lbs.
<b>FHCS150</b>	.63



forestry hose clamp and spanner

## Forestry Grade Aluminum ¼ Turn Ball Type Wye Valve

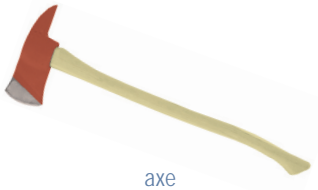


female inlet x  
(2) male outlets

- cast aluminum, swivel inlet, anodized body, hard-coated threads
- built to United States 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	Part #	Wt. Lbs.
1" NPSH	1" NPSH	<b>FWV10S10S</b>	1.79
1½" NPSH	1" NPSH	<b>FWV15S10S</b>	3.50
1½" NPSH	1½" NPSH	<b>FWV15S15S</b>	3.50
1½" NH (NST)	1" NPSH	<b>FWV15F10S</b>	3.50
1½" NH (NST)	1½" NH (NST)	<b>FWV15F15F</b>	3.66
2½" NH (NST)	1½" NH (NST)	<b>FWV25F15F</b>	4.07
2½" NH (NST)	2½" NH (NST)	<b>FWV25F25F</b>	10.40

## Pick Head Fire Axe



axe

- red trim
- 36" hickory handle
- Listed in the minimum requirements approval guides for outfitting Hose Houses and Hose Cabinets by insurance underwriters.

Size	Part #	Wt. Lbs.
6 lb. Axe Axe Brackets	<b>PHFA6</b> <b>PHFA-B-A</b>	8.15 0.5

## Aluminum Forestry Pocket Spanner Wrench

- **FSW1**: for use on 1" hoses only
- **FSW2**: for 1" and 1½" hose couplings
- meets USFDA specification 5100-101C
- overall length 5"



FSW1



FSW2

Part #	Wt. Lbs.
<b>FSW1</b>	.60
<b>FSW2</b>	.12

## Forestry Fire Hose - Non-Weeping

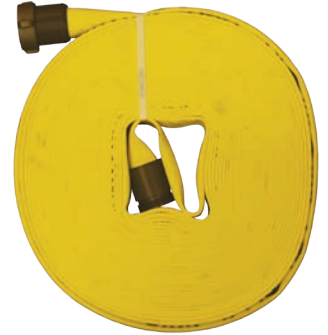
- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- ratings:
  - proof pressure: **600 PSI**
  - service test pressure: **300 PSI**
  - working pressure: **270 PSI**

### NH (NST) Thread

Size	Coupling Type	Length	Part #
1"	Rocker lug, aluminum	50'	<b>NF610Y50RAF</b>
1"	Rocker lug, aluminum	100'	<b>NF610Y100RAF</b>
1½"	Rocker lug, aluminum	50'	<b>NF615Y50RAF</b>
1½"	Rocker lug, aluminum	100'	<b>NF615Y100RAF</b>

### NPSH Thread

Size	Coupling Type	Length	Part #
1"	Rocker lug, aluminum	50'	<b>NF610Y50RAS</b>
1"	Rocker lug, aluminum	100'	<b>NF610Y100RAS</b>
1½"	Rocker lug, aluminum	50'	<b>NF615Y50RAS</b>
1½"	Rocker lug, aluminum	100'	<b>NF615Y100RAS</b>



non-weeping

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings

## Forestry Mop Up Hose

Forest fire applications include mop-up, low volume hand lines, filling pump cans, supplying sprinklers and remote fire line protection. 50' coil diameter is 9".

- outer construction: single jacket, synthetic
- tube construction: thermoplastic
- impregnation: yellow
- ratings:
  - proof pressure: **300 PSI**
  - service test pressure: **150 PSI**
  - working pressure: **135 PSI**

### GHT Thread

Size	Coupling Type	Length	Part #
¾"	ferrule, brass	50'	<b>NF307Y50GHT</b>



mop up

Consult the factory for pricing and availability for any of the following features:

- other lengths, threads and couplings

## ¼ Turn Forged Forestry Couplings

- forged aluminum
- common quarter turn sexless head design (1½" QT fitting will mate with 1" QT or ¾" QT)
- for use up to **300 PSI**



forestry female coupling

Size	Female Thread	Part #	Wt. Lbs.
¾"	GHT	<b>QTF75GHT-F</b>	.20
1"	NPS	<b>QTF100S-F</b>	.30
1"	NPT	<b>QTF100T-F</b>	.50
1½"	NH (NST)	<b>QTF150F-F</b>	.31
1½"	NPT	<b>QTF150T-F</b>	.60



forestry male coupling

Size	Male Thread	Part #	Wt. Lbs.
¾"	GHT	<b>QTM75GHT-F</b>	.20
1"	NPS	<b>QTM100S-F</b>	.17
1"	NPT	<b>QTM100T-F</b>	.30
1½"	NH (NST)	<b>QTM150F-F</b>	.20
1½"	NPT	<b>QTM150T-F</b>	.60

## Aluminum Forestry Hose Expansion Ring Rocker Lug Couplings

Special tooling is required to attach these couplings to hose. All couplings come with expansion rings, a swivel washer and tail washers.

For expansion ring coupling machines see page 123

- lugs on female only
- working pressure **270 PSI**



female x female

Hose Size	Bowl Size	Thread Type	Part #
1"	1-3/16"	NPSH	<b>EF11118</b>
1"	1¼"	NPSH	<b>EF11125</b>
1½"	1-13/16"	NH (NST)	<b>EF16168F</b>
1½"	2-11/16"	NH (NST)	<b>EF16175F</b>

- for females or males only, consult the factory for pricing and availability
- \* **Under no circumstances should the fittings be used beyond the working pressure of the hose.**

Note: Assembled hose should be hydrostatically proof tested before use, and thereafter in accordance with NFPA 1962.



## Dixon Northline Dry Fire Hydrant Systems

### Specifications

#### Application

Dry hydrant systems (i.e., non-pressurized) are designed for drafting applications. The installations of these systems on surface water sources can provide year-round accessibility to water supplies. Installed in strategic areas, dry hydrants can become the water supply system for rural fire departments where pressurized water systems are not available or are too small to support pressurized hydrants. Dry hydrants can also be used to supplement pressurized systems in municipal areas where low water pressure exists or where back-up systems are desirable for emergency preparedness.

#### Sizes

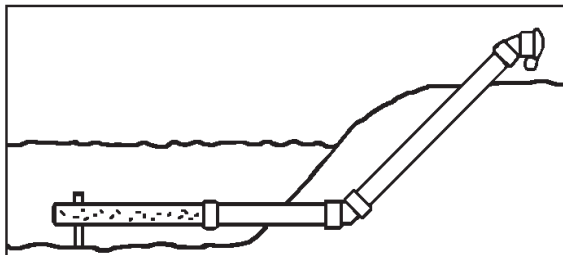
Heads: available in 4½", 5" & 6" NST (male, female, or Storz)  
 90°, 45° and 180° 6" schedule 40 PVC configurations



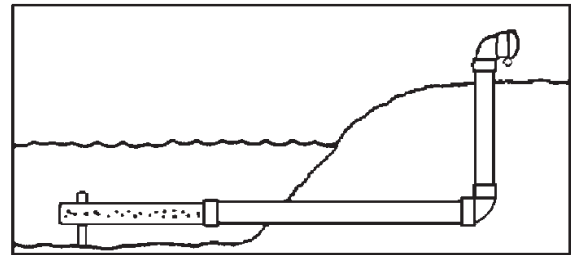
### Features & Benefits

- Optional caps in snap-on or threaded rocker-lug designs are high visibility yellow to assist in locating hydrants at night
- Hydrant heads feature a unique conical-shaped strainer for maximum protection against obstruction of flow
- Unique V-shaped hole pattern in horizontal strainer eliminates vortex by equalizing surface area suction (4:1 intake ratio)
- Optional strainer designs allow application customization to maximize system performance
- Fixed or back flush end cap designs are engineered to promote maximum cleaning of strainer holes during back flushing
- 100% corrosion-free materials for extended life
- 6061-T6 anodized extruded aluminum parts for maximum durability
- All male and female dry hydrants come with strainers

#### Typical Dry Hydrant Installations



45°  
(preferred)



90°

## Dixon Northline Dry Fire Hydrant Assemblies Male Adapters with Snap-On Cap

- high visibility yellow snap-on cap



male adapter with snap-on cap

Male NH (NST)	Schedule 40 Elbow	Part #	Northline Part #
4½"	45°	<b>ADH45M45F</b>	<b>DFH-9140-430</b>
5"	45°	<b>ADH45M50F</b>	<b>DFH-9140-410</b>
6"	45°	<b>ADH45M60F</b>	<b>DFH-9140-400</b>
4½"	90°	<b>ADH90M45F</b>	<b>DFH-9140-330</b>
5"	90°	<b>ADH90M50F</b>	<b>DFH-9140-310</b>
6"	90°	<b>ADH90M60F</b>	<b>DFH-9140-300</b>
4½"	180°	<b>ADHM45F</b>	<b>DFH-9140-530</b>
5"	180°	<b>ADHM50F</b>	<b>DFH-9140-510</b>
6"	180°	<b>ADHM60F</b>	<b>DFH-9140-500</b>

## Dry Hydrant Snap-On Cap with Wire Cable

- material: *yellow plastic*



snap-on cap

Size	Part #
4½"	<b>DFH-9138-003</b>
5"	<b>DFH-9138-002</b>
6"	<b>DFH-9138-001</b>

## Dry Hydrant Threaded Cap with Ball Chain

- material: *yellow plastic*



Size	Part #
4½"	<b>DFH-9138-601</b>
5"	<b>DFH-9138-602</b>
6"	<b>DFH-9138-603</b>

## Dry Hydrant Cap with Ball Chain

- material: *aluminum*



cap with long handle

Size	Part #	Northline Part #
4½"	<b>ADHC450F</b>	<b>CAP450F-C</b>
5"	<b>ADHC500F</b>	<b>CAP500F-C</b>
6"	<b>ADHC600F</b>	<b>CAP600F-C</b>

## Dixon Northline Dry Fire Hydrant Assemblies

### Female Adapters with Plug

Female NH (NST)	Schedule 40 Elbow	Part #	Northline Part #
4½"	45°	<b>ADH45F45F</b>	<b>DFH-9140-720</b>
5"	45°	<b>ADH45F50F</b>	<b>DFH-9140-710</b>
6"	45°	<b>ADH45F60F</b>	<b>DFH-9140-700</b>
4½"	90°	<b>ADH90F45F</b>	<b>DFH-9140-630</b>
5"	90°	<b>ADH90F50F</b>	<b>DFH-9140-610</b>
6"	90°	<b>ADH90F60F</b>	<b>DFH-9140-600</b>
4½"	180°	<b>ADHF45F</b>	<b>DFH-9140-820</b>
5"	180°	<b>ADHF50F</b>	<b>DFH-9140-810</b>
6"	180°	<b>ADHF60F</b>	<b>DFH-9140-800</b>



female adapter with plug

### Dry Hydrant Yellow Plastic Plugs

Size	Northline Part #
4½"	<b>DFH-PLUG45F-C</b>
5"	<b>DFH-PLUG50F-C</b>
6"	<b>DFH-PLUG60F-C</b>



yellow plastic plug

### Dry Hydrant Aluminum Plug with Chains

Size	Part #	Northline Part #	Wt. Lbs.
4½"	<b>ADHP450F</b>	<b>PLUG45F-C</b>	2.56
5"	<b>ADHP500F</b>	<b>PLUG50F-C</b>	3.13
6"	<b>ADHP600F</b>	<b>PLUG60F-C</b>	3.15



aluminum plug with chain

### Storz Adapter with Storz Cap

Storz	Schedule 40 Elbow	Part #
4"	45°	<b>DFH-9140-210</b>
5"	45°	<b>DFH-9140-320</b>
6"	45°	<b>DFH-9140-110</b>
4"	90°	<b>DFH-9140-200</b>
5"	90°	<b>DFH-9140-325</b>
6"	90°	<b>DFH-9140-100</b>



Storz adapter with Storz cap

## Dixon Northline Strainer Assemblies

### Horizontal Strainer Assemblies

- material: schedule 40 PVC
- 4:1 intake ratio



horizontal strainer

Pipe Size	Schedule 40 Pipe Length	End Cap Type	Northline Part #
6"	40"	Fixed	<b>DFH-9143-000</b>
6"	40"	Back Flush	<b>DFH-9143-200</b>
8"	33"	Fixed	<b>DFH-9194-010</b>
8"	33"	Back Flush	<b>DFH-9194-210</b>
10"	33"	Fixed	<b>DFH-9194-110</b>



barrel strainer

### Barrel Strainer Assemblies

- schedule 40 PVC
- fixed end cap
- 4:1 intake ratio
- used for vertical applications

Pipe Size	Schedule 40 Pipe Length	Northline Part #
6"	15"	<b>DFH-9143-100</b>
8"	20"	<b>DFH-9194-000</b>
10"	24"	<b>DFH-9194-100</b>
12"	22"	<b>DFH-9194-200</b>

### Check Valve Strainer Assemblies

- designed for installations where water level can drop below horizontal section of pipe and where pipe must be installed above water level
- built-in temporary check valve allows water from truck to prime system
- 8" strainer with 6" or 8" female PVC connection



check valve strainer

Pipe Size	Length	Northline Part #
6" x 8"	36"	<b>DFH-9197-000</b>
8" x 8"	36"	<b>DFH-9197-100</b>

### Top Head Strainer Assemblies Full Time Swivel



top head strainer

Pipe Size	Schedule 40 Pipe Length	Northline Part #	Wt. Lbs.
6"	10"	<b>DFH-FTS-600</b>	7

## Dixon Northline Strainer Assemblies Underwater Strainer Support

Size	Length	Part #	Wt. Lbs
6"	15"	<b><i>DHSSC6</i></b>	1.35



underwater strainer support

### Underwater Strainer Support Clamp

- easy-flex adjustment, no nuts and bolts required
- corrosion-free stainless steel

Pipe Size	Part #	Wt. Lbs
6"	<b><i>DFH-9152-001</i></b>	1.35
8"	<b><i>DFH-9152-002</i></b>	1.35



underwater strainer support clamp

### Riser Insulation Sleeves

- 360° styrofoam insulation for added frost protection

Size	Northline Part #	Wt. Lbs
2" thick	<b><i>DFH-9195-001 (1 foot set of 2 halves)</i></b>	1.0



riser insulation sleeves

Note: Must be ordered in 2 foot increments (i.e. 2, 4, 6 feet etc.).

### Dry Hydrant Signs

- 12" x 18" aluminum backed
- 6" x 12" self adhesive decal
- high quality reflective material

Size	Description	Northline Part #
6" x 12"	decal	<b><i>DFH-9145-001</i></b>
12" x 18"	sign	<b><i>DFH-9145-002</i></b>



dry hydrant sign

## Dixon Northline 6" Low Level Strainer with Siphon Jet



### Specifications

The 6" Low Level Strainer with Siphon Jet can be used as a low level strainer and as a water transfer device. This strainer is made of lightweight aluminum alloys that are both anodized and powder coated. The pivoting elbow enables the base to sit flat on the bottom of a portable tank. This unit allows the user to draft within 2" of the bottom of the tank without whirlpooling. For fast fill flowing, the jet is constructed from ¾" pipe, supplied with 304 stainless steel mesh strainer. Also, complete with 1½" Male NPSH plug with wire cable attached to base.

### Features & Benefits

- Base: 1/8" thick 5052 H32 Marine Grade Aluminum, powder coated red with 45° angled edges, carrying handle mounted to base
- Elbow: 6" aluminum Tube 6061-T6, powder coated red
- Posts: welded between upper and lower base, 6061-T6 Aluminum
- Siphon Jet: ¾" ID Aluminum pipe, 6061-T6 Aluminum, powder coated red
- Elbow Pivot Rod: ¼" thick, stainless steel 304 grade
- Washers: polypropylene used for ease of elbow pivot and longer wear
- Pivot Bracket: 3/16" thick x 1½" x 1½", Angle 6061-T6 Aluminum
- 6" Swivel: long handle, black anodized, 6061-T6 Aluminum

### Low Level Strainer - Threaded Female Swivel with and without Jet Siphon

Size	Part # with Jet Siphon	Part # without Jet Siphon
2½"	<b><i>NCS-LLSJ-25</i></b> *	<b><i>NCS-LL-25</i></b> *
3"	<b><i>NCS-LLSJ-30F</i></b>	<b><i>NCS-LL-30F</i></b>
4"	<b><i>NCS-LLSJ-40F</i></b>	<b><i>NCS-LL-40F</i></b>
4½"	<b><i>NCS-LLSJ-45F</i></b>	<b><i>NCS-LL-45F</i></b>
5"	<b><i>NCS-LLSJ-50F</i></b>	<b><i>NCS-LL-50F</i></b>
6"	<b><i>NCS-LLSJ-60F</i></b>	<b><i>NCS-LL-60F</i></b>

\* customer thread

### Low Level Strainer - Storz Adapter with and without Jet Siphon

Size	Part # with Jet Siphon	Part # without Jet Siphon
2½"	<b><i>NCS-LLSJ-25SZ</i></b>	<b><i>NCS-LL-25SZ</i></b>
3"	<b><i>NCS-LLSJ-30SZ</i></b>	<b><i>NCS-LL-30SZ</i></b>
4"	<b><i>NCS-LLSJ-40SZ</i></b>	<b><i>NCS-LL-40SZ</i></b>
5"	<b><i>NCS-LLSJ-50SZ</i></b>	<b><i>NCS-LL-50SZ</i></b>
6"	<b><i>NCS-LLSJ-60SZ</i></b>	<b><i>NCS-LL-60SZ</i></b>



## Dixon Northline Aluminum Barrel Strainer

- lightweight
  - hardcoat anodized finish
  - full flow design
  - rocker lugs
  - tie off hook for drafting placement
- Consult the factory for price and availability.



### Female Barrel Strainers

Female Thread	Dixon Part #	Northline Part #	Wt. Lbs
2½" NST	<b>BBS250F</b>	<b>FST250</b>	1
2½" CT <sup>1</sup>	<b>BBS250__</b> *	<b>FST250__</b> *	1
3" NST	<b>BBS300F</b>	<b>FST300</b>	1
4" NST	<b>BBS400F</b>	<b>FST400</b>	2
4½" NST	<b>BBS450F</b>	<b>FST450</b>	2
5" NST	<b>BBS500F</b>	<b>FST500</b>	2
6" NST	<b>BBS600F</b>	<b>FST600</b>	3

\* customer to specify thread  
<sup>1</sup> Customer Thread



female barrel strainer

### Storz Barrel Strainers

Storz	Dixon Part #	Northline Part #	Wt. Lbs
2½"	<b>BBS250SZ</b>	<b>ST250</b>	1
3"	<b>BBS300SZ</b>	<b>ST300</b>	1
4"	<b>BBS400SZ</b>	<b>ST400</b>	1
5"	<b>BBS500SZ</b>	<b>ST500</b>	2
6"	<b>BBS600SZ</b>	<b>ST600</b>	3



Storz barrel strainer

### Basket Strainer - Female Threaded

Female Rigid Thread	Northline Part #	Wt. Lbs
2½" CT <sup>1</sup>	<b>BSKTST250__</b> *	1
3"	<b>BSKTST300F</b>	1
3½"	<b>BSKTST350F</b>	1
4"	<b>BSKTST400F</b>	3
4½"	<b>BSKTST450F</b>	3
5"	<b>BSKTST500F</b>	3
6"	<b>BSKTST600F</b>	4

\* customer to specify thread  
<sup>1</sup> Customer Thread



basket strainer - female thread

## Dixon Northline Floating Strainers

### Floating Strainer - Female Swivel



Female Thread Inlet	Dixon Part #	Northline Part #	Wt. Lbs
2½" NST	<i>AFS250F</i>	<i>NCS-FDFS-25F</i>	8
2½" CT <sup>1</sup>	<i>AFS250__*</i>	<i>NCS-FDFS-25_</i>	8
3" NST	<i>AFS300F</i>	<i>NCS-FDFS-30F</i>	10
3" CT <sup>1</sup>	<i>AFS300__*</i>	<i>NCS-FDFS-30_</i>	10
4" NST	<i>AFS400F</i>	<i>NCS-FDFS-40F</i>	12
4½" NST	<i>AFS450F</i>	<i>NCS-FDFS-45F</i>	12
5" NST	<i>AFS500F</i>	<i>NCS-FDFS-50F</i>	16
6" NST	<i>AFS600F</i>	<i>NCS-FDFS-60F</i>	18



\* customer to specify thread  
<sup>1</sup> Customer Thread

floating strainer - female swivel

### Floating Strainer - Storz



Storz Inlet	Dixon Part #	Northline Part #	Wt. Lbs
2½"	<i>AFS250SZ</i>	<i>NCS-FDSTZ-25</i>	13
3"	<i>AFS300SZ</i>	<i>NCS-FDSTZ-30</i>	13
4"	<i>AFS400SZ</i>	<i>NCS-FDSTZ-40</i>	17
5"	<i>AFS500SZ</i>	<i>NCS-FDSTZ-50</i>	18
6"	<i>AFS600SZ</i>	<i>NCS-FDSTZ-60</i>	19



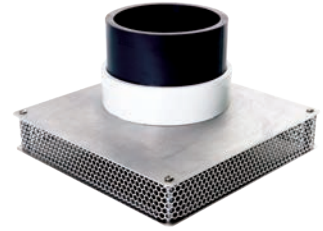
floating strainer - Storz

## Dixon Northline Strainers

### Dry Fire Hydrant - Low Level Strainer - Aluminum Base

- low level design for vertical bridge or cistern installations
- repels water born debris flowing downstream
- rugged aluminum design
- 6" male PVC coupling for easy connection to PVC pipe

Pipe Size	Housing Material	Dimensions	Northline Part #	Wt. Lbs
6" Male PVC	Aluminum	12" x 12" x 2"	<b>DFH-9283-100</b>	6



lower lever strainer

### Stream Strainer - Aluminum Base

- low level design for shallow stream installations
- repels water born debris flowing downstream
- rugged aluminum design
- 6" male PVC coupling for easy connection to PVC pipe

Pipe Size	Housing Material	Dimensions	Northline Part #	Wt. Lbs
6" Male PVC	Aluminum	24" x 16" x 8"	<b>DFH-9292-001</b>	8



stream strainer

## Dixon Northline Strainers

### Round Hole Strainer

- zinc plated steel

Female NH (NST) Thread	Northline Part #	Wt. Lbs.
2½"	<b>RHS3075</b>	2.6



round hole strainer

Chrome plated is also available. *Consult factory for price and availability.*

### Brass Tank

- material: *cast brass*

Female NH (NST)	Part #	Powhatan Part #
4"	<b>BS400</b>	28-335-00002
5"	<b>BS500</b>	28-335-00003
6"	<b>BS600</b>	28-335-00004
8"	<b>BS800</b>	28-335-00006



round hole strainer

## FM Steel Hydrant House

This Hydrant House is constructed of heavy 16-gauge steel throughout, including the shelves. The roof is of one-piece construction, sloped to the rear for adequate drainage. It is hinged at the rear with arms at both sides and has a hasp centered in the front. Doors are fitted with a full-length latch and cross brace to insure firm and neat closing. Sufficient space is provided to store all equipment specified by both FM and NFPA standards, plus room for additional equipment.



hydrant house

- red polyester coated finish
- FM approved
- 'FIRE HOSE' decal is provided for the cabinet front
- does not come with hose or accessories
- accessory hardware is required but is not included
- concrete base is to be supplied by a contractor
- shipped unassembled with instructions

Part #	Powhatan Part #	Wt. Lbs.
<b>HH30145</b>	30-145-00002	197

### Dimensions

cabinet #	width	depth	height
<b>HH30145</b>	45½"	45½"	34½"

## FM Steel Hose Cabinet

This wall type Hose Cabinet is constructed of heavy 18-gauge steel throughout. It is used for storage for industrial fire protection equipment. The cabinet is designed for use on walls with or without legs, or free standing. Each cabinet is supplied with holes in the back for wall mounting and 1" pipe couplings on the bottom for adding legs.



hose cabinet

- red polyester coated finish
- FM approved
- does not come with hose or accessories
- accessory hardware is required but is not included
- furnished without legs - if legs required - contact factory
- concrete base is to be supplied by a contractor

Part #	Powhatan Part #	Wt. Lbs.
<b>HC30143</b>	30-143-00001	176

### Dimensions

cabinet #	width	depth	height
<b>HC30143</b>	60"	15"	48"

### Basic Approved Equipment for House/Cabinet

Examples			Quantity Required		
Part #	Description	Page #	FM	UL & FIA	ISO
<b>A525W50RAF</b> †	2½" x 50' Single Jacket Hose	20	4	5	5
<b>A515W50RAF</b> †	1½" x 50' Single/Jacket Hose	20	2	0	0
<b>UPP250F</b> †	Underwriters Play Pipe	34	0	2	2
<b>BFN250NST</b> †	2½" Adjustable Fog Nozzle	38	2	0	0
<b>BFN150NST</b> †	1½" Adjustable Fog Nozzle	38	1	0	0
<b>HA2515F</b> †	2½" x 1½" Pin Lug Adapter	5	1	0	0
<b>HLS</b>	Hose & Ladder Strap	72	0	2	2
<b>233</b>	Universal Spanner	70	4	5	5
<b>189</b>	Adjustable Hydrant Wrench	68	2	2	2
<b>PHFA6</b>	6 lb. Fire Axe	72	0	1	1
<b>FCB48</b>	Crowbar	72	0	1	1
<b>SW150</b> †	2½" Hose Coupling Gasket	30	4	5	5
<b>SW250</b> †	1½" Hose Coupling Gasket	30	2	0	0

† Threads must be appropriate to the authority having jurisdiction.

## Test and Drain Valve

The Test and Drain valve combines the functions of testing and draining the system into one valve.

- A test connection not less than 1" (25 mm) in diameter, terminating a smooth bore corrosion resistant orifice, given a flow equivalent to one sprinkler of a type having the smallest orifice installed on the particular system, shall be provided to test each waterflow alarm device for each system. The test connection valve shall be readily accessible. The discharge shall be to the outside, to a drain connection capable of accepting full flow under system pressure or to another location where water damage will not result.
- All sprinkler pipes and fittings should be installed so that the system may be drained. Three positions OFF – TEST – DRAIN. These valves have a green indicator which illustrates an open or closed position from 50 ft distance.



test and drain valve

Female NPT	Port Orifice	Part #	Wt. Lbs
1"	½"	<b>TDV100</b>	2.85
1¼"	½"	<b>TDV125</b>	3.20

## Sprinkler Line Tester



For installing the last sprinkler head on system branch lines, controls water flow for flushing or testing of the system. When the wet pipe sprinkler system operates, the water flow in the pipes is at a relatively low velocity. Friction loss increases with the age of the sprinkler piping, up to 100 percent after 15 years. The accumulation of sediment and foreign objects in sprinkler systems can be prevented by flushing the supply mains to the systems through the hydrants at least semiannually. The National Board of Fire Underwriters recommended that sprinkler branch line flow tests be conducted from the extremities of the branch lines (at the end of the sprinkler system) to determine obstructions in the lines and to clean them of sediments or foreign materials that may be carried into the system by the flow of water.

- Brass
- U/L Listed and FM approved
- 1" NPT female inlet
- 1" NPT male outlet with NPT cap and chain
- ½" sprinkler head connection



sprinkler line tester

Female NPT	Part #	Wt. Lbs
1"	<b>SLT10050</b>	.82

## Line Test Gauge

- aluminum hardcoat
- rocker lug swivel
- used for testing static or flowing pressures in hoses or nozzles
- supplied with 0-300 PSI glycerine filled 3½" diameter gauge
- freeze proof to -40° F

NH (NST) Thread	Part #	Wt. Lbs
1½"	<b>ALTG150F</b>	2.0
2½"	<b>ALTG250F</b>	2.5



line test gauge

Other sizes and threads are also available. Consult the factory for price and availability.

## Three Way Gauge Valve



three way gauge valve

- brass body, rubber disc
- permits the checking or replacing of a gauge without shutting down the whole line

NPT Thread	Working Pressure PSI	Part #	Wt. Lbs
1/4"	175	<b>TWGV25</b>	.40



## Sprinkler System Gauge (UL-393)



sprinkler system gauge

- specifically designed for the fire sprinkler industry
- Bourdon tube pressure gauges with black polycarbonate case
- snap-in clear polycarbonate window, 4" face
- white aluminum dial with stop pin, black and red markings
- black aluminum non-adjustable pointer
- 1/4" NPT lower mount
- ASME B40.1 Grade B (+ 3/2/3% accuracy)
- U/L Listed (U/L-393) and FM Approved for fire sprinkler service
- ambient temperature range: **-40°F to 140°F**

Type	PSI Range	Part #	Wt. Lbs
Water	0 - 300	<b>SWG300-4</b>	.45
Air	0-80	<b>SWRG80-250-4</b>	.46
Water Retard	0-250		

## Dixon Northline Crowbar Mount



crowbar mount

- 2 piece set includes top mount - spring loaded and bottom wedge
- material: 356 cast aluminum (polished)

Part #
<b>NCS-CB-590</b>



## Backflow Preventer



Reduced pressure principle backflow preventer is designed to give maximum protection against backflow caused by either back-pressure or back-siphonage from a cross-connection wherein a contaminant hazard exists (i.e. a health hazard), or a pollutant hazard exists (i.e. a non-hazard). The assembly is composed of two spring-loaded poppet type check valves and a mechanically independent, hydraulically dependent pressure differential relief valve. Three of the testcocks are mounted at the top to assure easy access during repair and maintenance when unit is installed in tight places.

- The backflow preventer meets the requirements of the following standards:  
USC's FCCC & HR Manual, Sec. 10, ASSE 1015, AWWA C-510 and CSA B64.4.
- working pressure: **175 PSI**
- water temperatures from **33°F to 180°F**



backflow preventer

NPT Thread	Part #	Wt. Lbs.
2"	<b>BFP200</b>	41

## Hand Hydrotest Pump

- stainless steel piston with aluminum body
- designed for use in testing pipe lines, pressure tanks and pressure vessels
- uses check valves which are more efficient and longer lasting than old poppet system
- cylinder displacement: 1.37 cu. in.
- 0 -1000 PSI pressure gauge, 10' high pressure hose and quick disconnect coupler included
- piston: 7/8" with 2" stroke
- working pressure: **1000 PSI**



hand pump

NPT Inlet	Outlet	Part #	Wt. Lbs.
1/2"	1/2"	<b>HHTP</b>	7

## Large Diameter Hose Roller

- two man

Part #	Wt. Lbs
<b>FHR</b>	7



hose roller

## Elbows Angle and Suction



45° elbow

- for use on pump discharge valves, or suction inlet to minimize hose kinking
- rocker lug swivel
- satin brass finish
- -C polished chrome plated

Male NH (NST)	Female NH (NST)	Material	Part #	Powhatan Part #	Wt. Lbs.
2½"	2½"	brass	<b>RSE45250F</b>	29-222-00133	4.48
2½"	2½"	brass	<b>RSE45250F-C</b>	29-222-00010	4.48
2½"	2½"	brass	<b>RSE90250F</b>	29-232-00044	4.66
2½"	2½"	brass	<b>RSE90250F-C</b>	29-232-00019	4.66

## Continuous Swivel



90° elbow

Short style radius, 2½" measured from the center of the waterway to the end of the discharge thread.

- material: cast brass finish
- allows a hose to swing when connected
- full waterway reduces friction loss

Female NPT	Male NH (NST)	Length	Part #	Wt. Lbs.
1½"	1½" NH (NST)	2½"	<b>CSES150F</b>	4.00
2"	1½" NH (NST)	2½"	<b>CSES2015F</b>	3.75
1½"	1½" NPT	5"	<b>CSES150T</b>	4.00

## Dixon Northline Aluminum Adapters

### N54 - Aluminum Angle and Suction Elbows

- ideal for fire apparatus with front suction connections
- 2½" elbows constructed with anodized, powder coated elbow, extruded
- anodized female swivel connections



90° elbow

Elbow Degree	Male CT <sup>1</sup>	Female Swivel	Northline Part #	Wt. Lbs.
30°	2½"	2½"	<b>N5430-250</b> *	2.0
45°	2½"	2½"	<b>N5445-250</b> *	2.0
60°	2½"	2½"	<b>N5460-250</b> *	2.0
90°	2½"	2½"	<b>N5490-250</b> *	2.0

\* customer to specify thread

<sup>1</sup> Customer Thread

## Dixon Northline Large Diameter Drafting Elbows

- all elbows and fittings provided are made from 6061-T6 aluminum Pipe
- elbows are smooth bent to degree required
- supplied hard coat anodized from maximum protection

Elbow Degree	Male NST Size	Female NST Swivel L/H Size	Northline Part #	Wt. Lbs.
45°	4"	4"	<b><i>MFSA45-40F40F</i></b>	7
45°	5"	5"	<b><i>MFSA45-50F50F</i></b>	9
45°	6"	6"	<b><i>MFSA45-60F60F</i></b>	9



45° elbow

Elbow Degree	Male NST Size	Female NST Swivel L/H Size	Northline Part #	Wt. Lbs.
60°	4"	4"	<b><i>MFSA60-40F40F</i></b>	7
60°	5"	5"	<b><i>MFSA60-50F50F</i></b>	9
60°	6"	6"	<b><i>MFSA60-60F60F</i></b>	9



60° elbow

Elbow Degree	Male NST Size	Female NST Swivel L/H Long Radius Size	Northline Part #	Wt. Lbs.
90°	4"	4"	<b><i>MFSA90-40F40FLR</i></b>	7
90°	5"	5"	<b><i>MFSA90-50F50FLR</i></b>	9
90°	6"	6"	<b><i>MFSA90-60F60FLR</i></b>	9
90°	5"	4½"	<b><i>MFSA90-45F45FLR</i></b>	8

Elbow Degree	Male NST Size	Female NST Swivel L/H Short Radius Size	Northline Part #	Wt. Lbs.
90°	4"	4"	<b><i>MFSA90-40F40FSR</i></b>	7
90°	5"	5"	<b><i>MFSA90-50F50FSR</i></b>	9
90°	6"	6"	<b><i>MFSA90-60F60FSR</i></b>	9



90° elbow

## Dixon Northline Accessories

### Storz Delivery Coupling - CRS



Storz delivery coupling

- used for high-volume hose
- 3-part clamps

Storz	Hose Shank	Northline Part #	Wt. Lbs./set
4"	4"	<b>CRS-400CC</b>	7.0
4"	5"	<b>CRS-450CC</b>	8.5
5"	5"	<b>CRS-500CC</b>	11.0

### Storz Suction Couplings



Storz suction coupling

- used for hard suction hose
- priced per set

Storz Size	Northline Part #	Wt. Lbs./set
1½"	<b>S-150</b>	1.0
2"	<b>S-200</b>	1.0
3"	<b>S-300</b>	1.5
4"	<b>S-400</b>	3.0
5"	<b>S-500</b>	4.0
6"	<b>S-600</b>	6.0

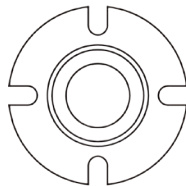
### BSP Gaskets



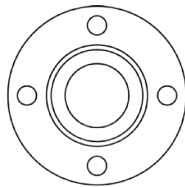
Female BSP	Northline Part #
1"	<b>140003</b>
2"	<b>1105102</b>
2½"	<b>1110060</b>
3"	<b>1404550</b>
4"	<b>1404551</b>
5"	<b>1404620</b>
6"	<b>1404621</b>

## Brass International Shore Connections

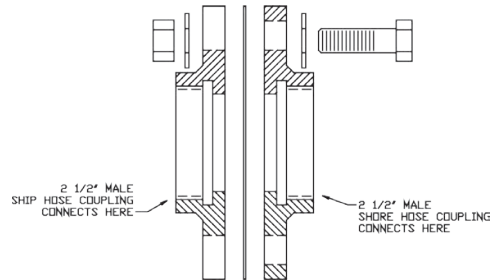
- meets U.S. Coast Guard specifications for vessels 1000 gross tons or more
- makes possible the connection of two different threads between ship and shore or between ships
- 7" OD brass flange with 4 $\frac{3}{4}$ " holes
- solid wedge disc with tapered seats
- includes 8 washers, 4 hexagon brass nuts, 4 hex head bolts, 1 washer, 1 fiber gasket
- working pressure: **300 PSI**



SHIP CONNECTION  
09-319



SHORE CONNECTION  
09-318



Description	Powhatan Part #	Wt. Lbs.
shore side	09-318-00001	7.38
ship side	09-319-00001	7.14

## Replacement Brass Swivel & Accessories

- 2 $\frac{1}{2}$ " and 3" replacement brass swivels for Dixon Powhatan FDC
- finish: -P polished, -C polished chrome plated

Size	Thread	Part #	Wt. Lbs.
2 $\frac{1}{2}$ "	NPSH (2.84x8)	<b>PSNP250S</b>	1.3
	NST (3.07x7.5)	<b>PSNP250NST</b>	1.3
	NYC/BA (3.00x8)	<b>PSNP250NYC</b>	1.3
	NYFD (3.03x8)	<b>PSNP250NYFD</b>	1.3
	CSA (3.125x5)	<b>PSNP2503.125x5</b>	1.3
	QST (3.031x7)	<b>PSNP2503.03x7</b>	1.3
	WCT (3.25x6)	<b>PSNP2503.25x6</b>	1.3
	PITT 6 (3.06X6)	<b>PSNP2503.06x6</b>	1.3
2 $\frac{1}{2}$ "	CT <sup>1</sup>	<b>PSNP250__</b> *	1.3
3"	NST	<b>PSNP300NST</b>	2.0
	NYFD	<b>PSNP300NYFD</b>	2.0



brass swivel

\* customer to specify thread

<sup>1</sup> Customer Thread

### Replacement Part

Description	Part #
2 $\frac{1}{2}$ " gasket	<b>SW250</b>
3" gasket	<b>SW300F</b>
ball bearings	<b>46-003-00001</b>
set screw	<b>46-011-00418</b>

\* 2 $\frac{1}{2}$ " requires 50 ball bearings, 3" requires 58 ball bearings

## Dixon Northline Replacement Roller Bearings

### Roller Bearings - Standard Swivels

#### Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3" (30)	3½" (35)	4" (39)	4½" (45)	5" (48)	6" (57)
209200				X					
209201					X				
209202						X			
209203							X		
209204								X	
209205									X

## Dixon Northline Replacement Ball Bearings

### Ball Bearings

#### Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
209100	X								
209101		X							
209102			X						
209103				X					
209105 PV						X			
209106 PV							X		
209107 PV								X	
209108 PV									X

## Dixon Northline Replacement Set Screws

### Retainer Plugs (Set Screws)

#### Size Chart

Part #	Female Swivel Size								
	1½"	2"	2½"	3"	3½"	4"	4½"	5"	6"
209335	X	X							
209337			X	X	X				
209339						X	X	X	X
209342 PV						X	X	X	X



# Identifying Threads

IT IS IMPORTANT TO IDENTIFY THE THREADS REQUIRED BEFORE ORDERING COUPLINGS.

Identifying threads can sometimes be the most difficult and frustrating part of coupling selection. However, without the right combination of threads, you may not provide a functional or safe connection.

The diameters, threads per inch (TPI) and thread pitch, etc. are necessary to completely identify a thread. Ring, Plug and GO/NOGO gauges are required to accurately gauge or identify threads. In the field, in the absence of these gauges, thread leaf gauges can be used to identify the "Threads Per Inch" (TPI) and the thread pitch. On threads you have determined to be straight threads, a caliper can be used to measure the "Outside Diameter of the Male" (ODM) or the "Inside Diameter of the Female" (IDF). A caliper can also be used to take measurements of tapered thread diameters. However, these are more difficult to define because of the taper. Fortunately, there are few tapered threads to deal with and these can usually be identified from the nominal ODM and the TPI.

However, identifying the thread may not fully identify what is needed in a mating fitting. The application is the primary limiting factor on the thread type used. Dixon offers products with a wide variety of threads used with hose, pipe and hydraulics.

When attempting to choose a fitting, it is always advisable to first identify the thread to which it must connect. This may entail checking with a fitting or equipment manufacturer.

The fire hose thread specifications for some local municipal fire equipment and hydrants may vary according to local specifications. These can generally be most easily identified by contacting the local fire department responsible for the hydrant. The most common thread used on fire equipment is National Standard Thread (NST), also known as National Hose thread (NH).

When it is not possible to identify the thread:

- 1) Determine the number of threads per inch by measuring the distance from peak of thread to peak of thread across the largest number of whole threads. Then divide the number of threads by the measurement (This will provide the TPI).
- 2) Check to see if the thread is straight or tapered.

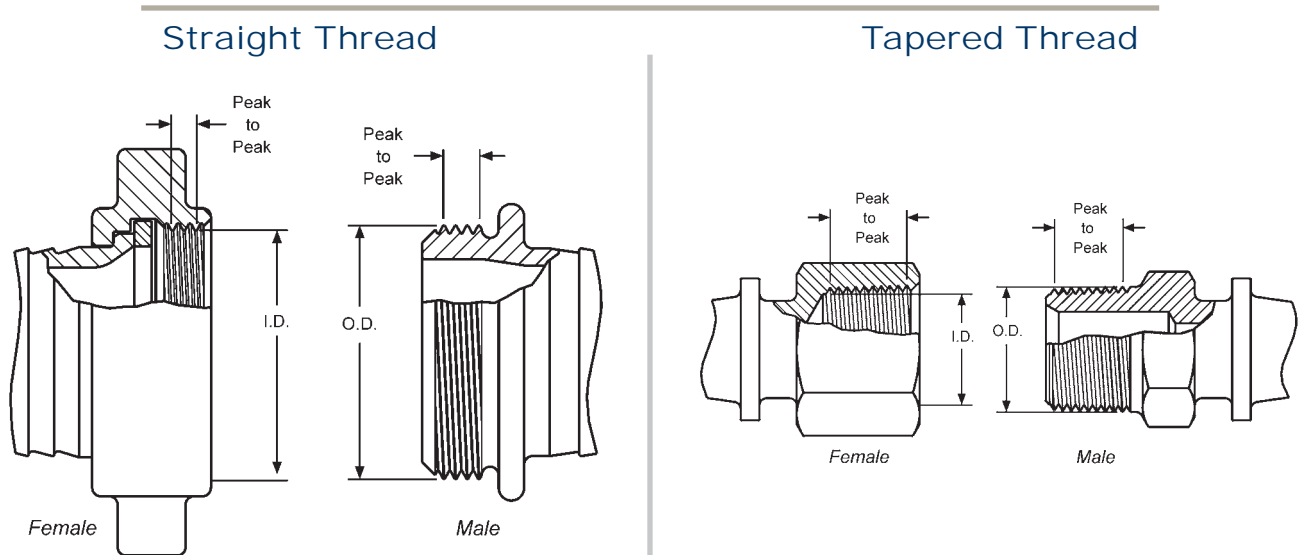
a) Straight Threads

Measure the "Outside Diameter of the Male" (ODM) or the "Inside Diameter of the Female" (IDF), from peak of thread to peak of thread.

b) Tapered Threads

Measure the "Outside Diameter of the Male" (ODM) at the large end and the small end, or the "Inside Diameter of the Female" (IDF) at the large end and the small end, from peak of thread to peak of thread. Then measure the Outside Diameter (OD) of the unthreaded pipe.

Once the application and these two pieces of information have been determined, the thread can generally be determined. When in doubt, contact the factory.



## Thread Information

Abbreviation	System Name	Compatibility	Seal Method
<b>BSPP</b>	British Standard Pipe Parallel	Male BSPP with Female BSPP Female BSPP with Male BSPP Female BSPP with Male BSPT <sub>r</sub>	Washer Washer Washer
<b>BSPT<sub>r</sub></b>	British Standard Pipe Taper	Male BSPT <sub>r</sub> with Female BSPT <sub>r</sub> Male BSPT <sub>r</sub> with Female BSPP Female BSPT <sub>r</sub> with Male BSPT <sub>r</sub> <i>Female BSPT<sub>r</sub> not compatible with Male BSPP</i>	Thread Washer Thread
<b>CHT</b>	American Standard Fire Hose Thread (1" National Hose Thread is Chemical Hose Thread, also known as Booster Hose Thread)	1" Male NH (NST) with 1" Female NH (NST) 1" Female NH (NST) with 1" Male NH (NST) 1" Thread is used on both ¾" hose and 1" hose. <i>Not compatible with other systems</i>	Washer Washer
<b>GHT</b>	Garden Hose Thread	Male GHT with Female GHT Female GHT with Male GHT Thread is same for all size hose <i>Not compatible with other systems</i>	Washer Washer
<b>IPS</b>	Iron Pipe Straight Thread	Generic Name for Straight Pipe Thread See NPSH for compatibility	Washer
<b>IPT</b>	Iron Pipe Thread	Generic Name for All Pipe Thread <i>More information required</i>	
<b>NH or NST</b>	American Standard Fire Hose Coupling Thread (National Hose thread also known as National Standard Thread)	Male NH (NST) with Female NH (NST) Female NH (NST) with Male NH (NST) <i>Not compatible with other systems</i> Thread pitch and diameters of fire threads may vary according to local and municipal regulations.	Washer Washer
<b>NPT</b>	American Standard Taper Pipe Thread (National Pipe Tapered)	Male NPT with Female NPT Male NPT with Female NPTF Male NPT with Female NPSM Male NPT with Female NPSH Female NPT with Male NPT Female NPT with Male NPTF Female NPT not compatible with Male NPSM or Male NPSH	Thread Thread Washer Washer Thread Thread
<b>NPTF</b>	American Standard Taper Pipe Fuel Dryseal Thread (National Pipe Tapered Fine)	Male NPTF with Female NPTF Male NPTF with Female NPT Male NPTF with Female NPSM Male NPTF with Female NPSH Female NPTF with Male NPTF Female NPTF with Male NPT <i>Female NPTF with Male NPSM or NPSH</i> <i>Note: NPTF with NPTF threads do not require sealant for the initial use. After that, sealant is required.</i>	Thread Thread Washer Washer Thread Thread Not Compatible
<b>NPSH</b>	American Standard Straight Pipe for Hose Couplings (National Pipe Straight Hose)	Male NPSH with Female NPSH Female NPSH with Male NPSH Female NPSH with Male NPT Female NPSH with Male NPTF Female NPSH with Male NPSM	Washer Washer Washer Washer Washer
<b>NPSM</b>	American Standard Straight Mechanical Joints (National Pipe Straight Mechanical)	Male NPSM with Female NPSM Male NPSM with Female NPSH Female NPSM with Male NPSM Female NPSM with Male NPT Female NPSM with Male NPTF	Seal can be either mechanical or washer. Mating fittings must be of same type.
<b>SIPT</b>	Straight Iron Pipe Thread	Generic name for Straight Pipe Thread	Washer
<b>TIPT</b>	Tapered Iron Pipe Thread	Generic name for Tapered Pipe Thread	Thread

## Thread Dimensions

### Nominal Dimensions of Standard Threads

ODM -- Outside Diameter of the Male

IDF -- Inside Diameter of the Female

TPI -- Threads Per Inch

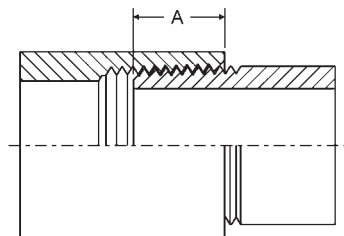
Size	Pipe OD	Tapered Threads		Straight Threads											
		NPT	BSPT <sub>r</sub>	NPSH			NPSM			NST (NH)			BSPP		
		TPI	TPI	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)	TPI	ODM (max)	IDF (min)
1/8"	.405	27	28				27	0.397	0.358					0.383	0.337
1/4"	.540	18	19				18	0.526	0.468					0.516	0.450
3/8"	.675	18	19				18	0.662	0.603					0.656	0.588
1/2"	.840	14	14	14	0.8248	0.7395	14	0.823	0.747					0.825	0.733
3/4"	1.050	14	14	14	1.0353	0.9500	14	1.034	0.958	8	1.375	1.2246		1.041	0.950
1"	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8	1.375	1.2246	11	1.309	1.193
1-1/4"	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546				11	1.650	1.534
1-1/2"	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9	1.990	1.8577		1.882	1.766
2"	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259				11	2.347	2.231
2-1/2"	2.875	8	11	8	2.8434	2.6930	8	2.841	2.708	7.5	3.068	2.9104	11	2.960	2.844
3"	3.500	8	11				8	3.467	3.334	6	3.623	3.5306	11	3.460	3.344
4"	4.500	8	11				8	4.466	4.333	4	5.010	4.7111		4.450	4.334
4-1/2"										4	5.760	5.4611	11		
5"	5.563	8	11				8	5.528	5.395	4	6.260	5.9602	11	5.450	5.359
6"	6.625	8	11				8	6.585	6.452	4	7.025	6.7252		6.450	6.359
8"	8.625	8													
10"	10.750	8													
12"	12.750	8													

GHT (3/4") -- 1.0625 ODM, 11-1/2 TPI

Note: Female NPT (Tapered Pipe) thread is not available on hose swivel nuts.

## Normal Engagement Length of NPT Thread

\* Dimensions given do not allow for variations in tapping or threading.



Thread Size	Dimension A
1/8"	1/4"
1/4"	3/8"
3/8"	3/8"
1/2"	1/2"
3/4"	9/16"
1"	11/16"
1-1/4"	11/16"
1-1/2"	11/16"
2"	3/4"
2-1/2"	15/16"
3"	1"
4"	1-1/8"
5"	1-1/4"
6"	1-5/16"
8"	1-7/16"
10"	1-5/8"
12"	1-3/4"

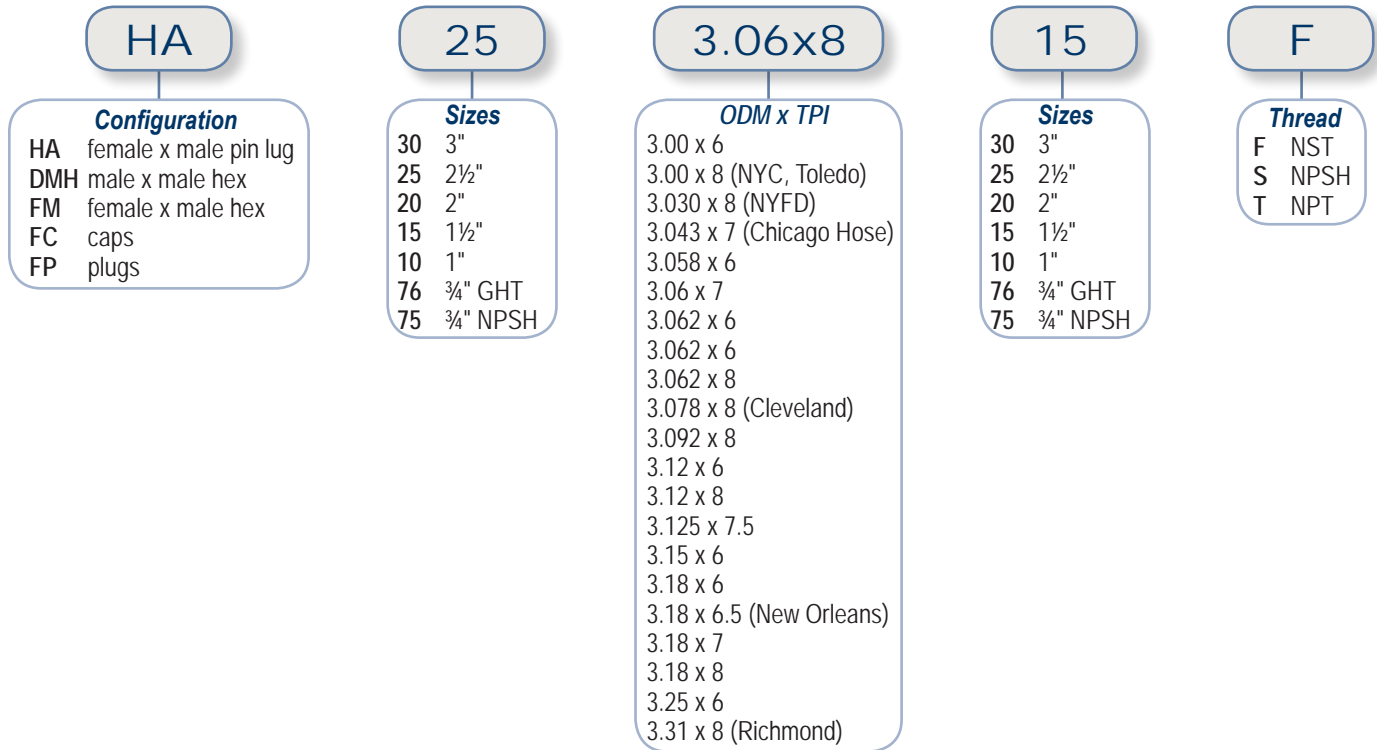
# Special Thread Program

Many cities across North America have their own 'fire hose' thread, which makes procurement a difficult and timely process. Any special city thread configuration in brass is available in **one week** . . . call for pricing and availability.

## Frequently Asked Questions

**Q** - How do I order my special thread part?

**A** - Here is a sample part number with descriptions to help explain our numbering system: HA253.06x815F.



**Q** - Do I have to order a minimum quantity?

**A** - We will take orders of a single piece to thousands of pieces. The set-up fee will be amortized over the quantity.

**Q** - What materials are special thread adapters available in?

**A** - We specialize in manufacturing brass adapters, however, we can supply aluminum configurations with various lead times.

**Q** - How can you supply special thread adapters in one week's time?

**A** - We have tooling specifically designated for special threads, and we have castings standing by for machining, gauges for testing and hydro-static test facilities for testing. We are ready to delight the customer with the fastest lead time in the business on many popular configurations we build to stock.

**Q** - Do you have other products with special threads?

**A** - Yes. We offer special thread nozzles, valves and fire department connections. If your product is brass, and you need special threads, please let us know.

**Q** - Can Dixon Powhatan make foreign threads?

**A** - Yes, if you are able to supply the ODM (outside diameter maximum) measurement and the TPI (threads per inch), we will gladly make the products for you.

## Thread Chart

National Standard			Straight Iron Pipe		New York Corporation		Pacific Coast		New York Fire Dept.		Chemical Hose CHT * NH		Underwriter's Play Pipe		Garden Hose		Chicago Fire Dept.		Chicago Hose	
NH*			NPSH		NYCT		PCT		NYFT		NH		PPS		GHT *		(NEW) *			
Size	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI	ODM	TPI
¾"	1.375	8	1.0353 *	14	--	--	1.0625	11	--	--	1.375	8	--	--	1.0625	11½	--	--	1.081	11½
1"	1.375	8	1.2951 *	11½	--	--	1.3125	11½	1.660	8	1.370	8	--	--	1.0625	11½	--	--	1.2951	11½
1¼"	1.6718	9	1.6399 *	11½	--	--	1.860	11	--	--	--	--	--	--	--	--	--	--	1.705	11½
1½"	1.990	9	1.8788 *	11½	2.093	11	2.100	11	2.100	8	--	--	2.1875	12	--	--	1.933	11½	1.946	11½
2"	2.5156	8	2.3528 *	11½	2.547	11	2.550	10	--	--	--	--	--	--	--	--	--	--	2.522	8
2½"	3.0686	7½	2.841 *	8	3.000	8	3.035	7½	3.030	8	--	--	--	--	--	--	2.990	7½	3.043	7
3"	3.6239	6	3.470	8	--	--	--	--	3.630	8	--	--	--	--	--	--	--	--	--	--
3½"	4.2439	6	3.970	8	--	--	--	--	4.070	8	--	--	--	--	--	--	--	--	--	--
4"	5.0109	4	4.470	8	--	--	5.000	4	4.610	8	--	--	--	--	--	--	--	--	--	--
4½"	5.7609	4	4.970	8	--	--	--	--	5.800	4	--	--	--	--	--	--	--	--	--	--
5"	6.260	4	5.530	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6"	7.025	4	6.590	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

\* National Form Thread. Abbreviation for tapered iron pipe thread is TIPT or NPT (National Pipe Tapered).  
ODM = Outside Diameter of Male

## Regional Fire Thread Legend

"Regional Designation"	Common Thread Name	"Dixon Thread Suffix"	Region Normally Used	2-1/2" ODM (Outside diameter of male)	2-1/2" TPI (threads per inch)
AMA & BCT*	Alberta Mutual Aid/ British Columbia Thread	<b>B</b>	British Columbia & Alberta	3.00	8
CSA	Canadian Standard Association	<b>C</b>	Ontario	3.125	5
NS1	Nova Scotia 1	<b>NS</b>	Nova Scotia	3.23	5
QST & QMT	Quebec Standard Thread	<b>Q</b>	Quebec	3.031	7
WCT	Western Canada Thread	<b>W</b>	Saskatchewan & Manitoba	3.25	6
GHT	Garden Hose Thread	<b>G</b>	North America		
NPS	National Pipe Straight	<b>S</b>	North America		
NPT	National Pipe Tapered	<b>T</b>	North America		
NST (NH)	National Standard Thread	<b>F</b>	Most of USA		
NYC	New York Corporation	<b>NYC</b>	Newark, NJ		
NYFD	New York Fire Department	<b>NYFD</b>	New York Fire Department		

\*B Threads are designed to connect with both BCT and AMA fittings.  
(Listed are the more popular thread types, other threads types are available, please contact Dixon for more information)

## Replacement Washers for Hydrant Adapters and Fire Hose Nozzles

The "sw" Swivel washer on page 80 replaces the gaskets in the following:

- Hydrant Adapters: HA, RHA, AHA
- Cam & Groove Hydrant Adapter
- Female by Male Hex Nipples (FM Series)
- Brass Fog Nozzles (BFN Series)
- Brass Electrical All-Fog Nozzles (BFNE Series)
- Heavy Duty Brass Industrial Fog Nozzles (HFN Series)
- Higher Pressure Brass Industrial Fog Nozzles (HPFN Series)
- Brass Rack Nozzles (BRN Series)
- UL Play Pipe
- Tip for UL Play Pipe
- Aluminum Ball Shut Off (ABSO Series)

### Replacement Gasket Chart

Size	FNPT Threads *	FNST Threads	FNPSH Threads
1½"	---	<b>SW150</b>	<b>SW150</b>
2"	---	---	<b>SW200</b>
2½"	---	<b>SW250</b>	<b>SW250</b>
3"	---	<b>SW300F</b>	<b>SW300F</b>
4"	---	<b>SW400F</b>	<b>SW400F</b>
4½"	---	<b>SW450F</b>	---
5"	---	<b>SW500F</b>	---
6"	---	<b>SW600F</b>	---

\* FNPT Threads - No Gasket/Seal by threads

The "CFG" gaskets on page 61 replaces the following:

- Constant Flow Thermoplastic Fog Nozzles (CFB)
- Blue Thermoplastic Refinery Fog Nozzles (RNB)

The "FNG" gaskets on page 62 replaces the following:

- Thermoplastic Fog Nozzles (PFNB, FNB, FN, SL)
- Thermoplastic Fog Nozzles for Electrical Fires (FNBE)

### Brass Plain Hose Nozzle Gaskets

Nozzle	Gasket
<b>BN6</b>	<b>KRW5</b>
<b>BN7</b>	<b>KRW5</b>
<b>BN10</b>	<b>KRW10</b>
<b>BN12</b>	<b>KRW15</b>
<b>BN15</b>	<b>KRW20</b>
<b>BN20</b>	<b>SW200</b>
<b>BN25</b>	<b>KRW35</b>
<b>BN10F</b>	<b>SW100F</b>
<b>BN15F</b>	<b>SW150</b>
<b>BN25F</b>	<b>SW250</b>
<b>BN15NYFD</b>	<b>SW150</b>
<b>BN25NYFD</b>	<b>SW250</b>

The gaskets for the following parts would have to special ordered, please contact customer service at 1-877-712-6179:

- Coast Guard Approved Water Fog Nozzle
- US Coast Guard Approved Fog Nozzle
- Aluminum Tip for Ball Shut-Off Nozzles
- Monitor Nozzle
- Steel FirePro Nozzle
- Master Stream Nozzle





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A325-50UC	109	ABH10156S	127	ADMR1515F	71
A330100RAS	109	ABN100F	141	ADMR15F15F	71
A330-50RAS	109	ABN100S	141	ADMR2020F	71
A330-50UC	109	ABN150F	141	ADMR2525F	71
A510100RAS	110	ABN150S	141	ADMR25F25F	71
A510-100UC	110	ACPSO150F	101	ADMR3025F	71
A510-50RAS	110	ACPSO150S	101	ADMR4040F	71
A510-50UC	110	ADFL45F45F	77	ADMR40F40F	71
A515100RAF	110	ADFL60F25F	77	ADMR6060F	71
A515100RAS	110	ADFL60F40F	77	AFC100	88
A515100RBF	110	ADFL60F45F	77	AFC100F	88
A515-100UC	110	ADFR1010S	70	AFC150	88
A515-25RAF	110	ADFR1515	70	AFC150F	88
A515-25RAS	110	ADFR1515F	70	AFC200	88
A515-25RBF	110	ADFR1525F	70	AFC200F	88
A515-50RAF	110	ADFR15F15S	70	AFC250	88
A515-50RAS	110	ADFR2525	70	AFC250F	88
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DIXON FIRE (herein called "Dixon") warrants the products described herein and manufactured by Dixon to be free from defects in material and workmanship for a period of one (1) year from date of shipment by Dixon, under normal use and service. Its sole obligation under this warranty being limited to repairing or replacing, as hereinafter provided, at its option any product found to Dixon's satisfaction to be defective upon examination by it, provided that such product shall be returned for inspection to Dixon's factory within three (3) months after discovery of the defect. The repair or replacement of defective products will be made without charge for parts or labor. This warranty will not apply to: (a) parts or products not manufactured by Dixon, the warranty of such items being limited to the actual warranty extended to Dixon by its supplier; (b) any product that has been subject to abuse, negligence, accident or misapplication; (c) any product altered or repaired by others than Dixon; and (d) normal maintenance services and the replacement of service items (such as washers, gaskets and lubricants) made in connection with such services.

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