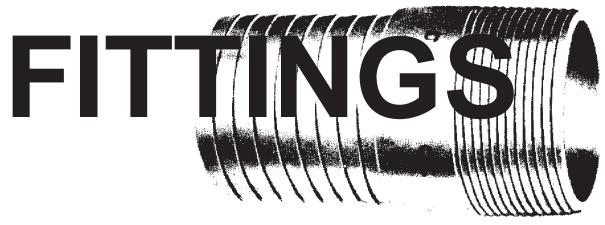
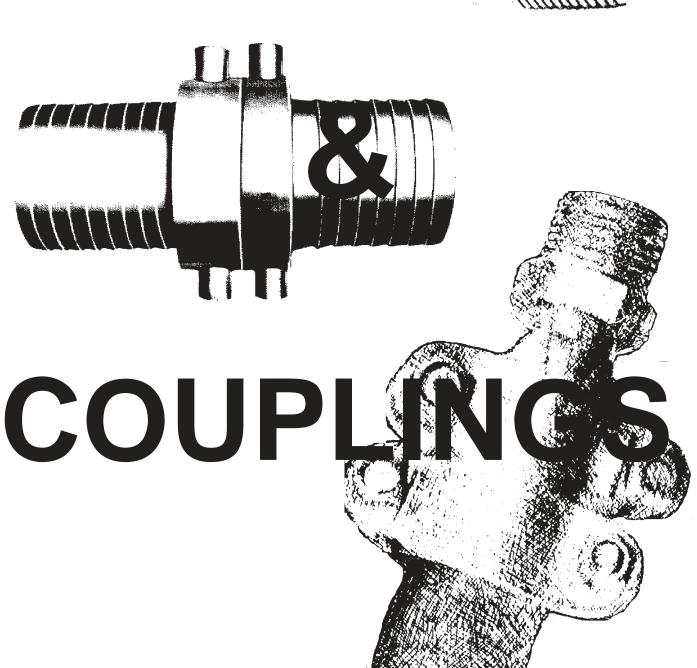
Industrial Rubber Goods Since 1921



Potomac RUBBER COMPANY, INC.

Potomac Rubber Company • 9011 Hampton Overlook • Capitol Heights, MD 20743 Tel: 301-336-7400 • Fax: 301-350-6543 • info@potomacrubber.com • www.potomacrubber.com





"BOSS" FITTINGS

"EZ-Boss" non-metallic polymer seat (U.S. Patent Number 5,577,777) is not subject to corrosion and offers resistance to chemicals and steam found in manufacturing facilities. A precisely machined recess holds the seat firmly in place, allowing it to absorb harsh punishment. Recommended for steam service up to **450**° **F**; easy to seal; works with existing "Boss" Ground Joint Stems.

Made in the USA.

PLATED STEEL &/or MALLEABLE IRON

					Wing Nut N.P.T	Wing Nut Wing Nut
	-			Wing Nut N.P.T	Thread	Thread Thread
	Coupling With	Fifther to the		Thread		W _{ab} u
	Female Spud	Stem	Wing Nut	Female Spud	Male Spud	Double Spud
Sizes	Part #	Part #	Part #	Part #	Part #	Part #
ļ			1	1	<u> </u>	1
1/2"	12 GF6	12 GB1	12B2	12 GB3	12 GM3	12 GDB3
3/4"	12 GF26	12 GB6	12812	12 GB8	12 GM8	12 GDB13
1"	12 GF36	12 GB11	12B12	12 GB13	12 GM13	12 GDB13
1 1/4"	12 GF51	12 GB16	12B17	12 GB18	12 GM18	12 GDB23
1 1/2"	12 GF61	12 GB21	12B17	12 GB23	12 GM23	12 GDB23
2"	12 GF81	12 GB26	12B27	12 GB28	12 GM28	12 GDB28
2 1/2"	12GF96	12 GB31	12B32	12GB33	12 GM 33	12 GDB33
3"	12GF111	12 GB36 ⁻	12 B37	12GB38	12GM38	12 GDB38
4"	12 GF141	12 GB46	12847	12 GB48	1	1

MALLEABLE IRON

"BOSS" Standard Clamp*

			se I.D. Size From To	1/4" 9/6" 21/32"	%" "1/6" 7%"	1/2" 13/16"	15/6"	½" 1½6"	¾" 1¾6" 1¾6"	34" 15/6" 11/2"	3/4" 1½" 1½"	1" 111/32" 123/32"	1" 111/16" 127/32"	1" 1½" 2½6"
	Plated eable Iron	1 Par	rt No.	BD 1½"	CD 2"	DD 2"	B-4 2"	B-5	BU-9 3"	B-9 3"	B -10	BU-14	B-14	B-1 <i>5</i>
Fits Fr Hose	om $2\frac{1}{6}$ "	2 ³ / ₃₂ " 2 ⁹ / ₃₂ "	2½" 2½"	2 ¹⁵ / ₃₂ " 2 ²³ / ₃₂ "	2½" 225/32"	2¾" 3¼6"	3¾2" 3¼5"	3 ¹ / ₂ " 3 ¹ / ₆ "	3 ¹³ / ₁₆ " 4 ³ / ₆ "	4½6" 4½6"			CEOS	
Part No	. B-19	BU-24	B-24	B-25	BU-29	B-29	B-30	B-34	B-3 5	B-39	4			

Ming Not N DT Ming Not Ming Not

AIR FITTINGS and ACCESSORIES



HOSE ENDS



MALE NPT ENDS



FEMALE NPT ENDS



BLANK ENDS



TRIPLE CONNECTIONS

Size	Part #
3/8"	12 AMH
1/2"	12 AM1
5/8"	12 AM5
3/4"	12 AM6
1"	12 AM11
1/4"	12AMB1
3/8"	12AMB
1/2"	12AM2
3/4"	12 AM7
1"	12 AM12
1/4"	12AMC1
3/8"	12AMC
1/2"	12AM3
3/4"	12 AM8
1"	12 AM13
	12 AM0

12 AM10



"AIR KING" IS FOR AIR SERVICE ONLY



"AIR KING" SAFETY PINS

1			
	Size	Part #	
	.058	AKSP1	
	.091	AKSP25	

Heavy Duty. Oversized. Sold only in bags of 25.



WASHERS

Description	Part #
Rubber	AWR4
Neoprene	AWS6

Same Size for all Coupling Sizes. Rubber temp. range: -20° F to 160° F. Neoprene temp. range: -20° F to 190° F. Neoprene is oil resistant.

Sold only in bags of 50.



SAFETY CLIPS Part # AC1

Same Size for all Coupling Sizes. Sold only in bags of 25.

STAINLESS STEEL CLIPS Part #

AC7 Same Size for all Coupling Sizes.



Part # ACL8

Same Size for all Coupling Sizes. Sold only in bags of 25.

The use of an "Air King" Safety Clip or wire type retainer is necessary to assure "Air King" Universal Couplings will not become accidentally disconnected. This guarantees the fittings are properly connected as pin will not go through holes in mating flanges until couplings are locked in place.

"Air King" is rated to 110 PSI

Standard "Air King" fittings come with AWR4 washers. "Air King" available to meet MIL Spec. WWC - 633D - consult factory.

NEVER USE ANY "AIR KING" COUPLING FOR STEAM SERVICE!

None of Dixon's catalog information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

The Importance of "Whip Hose"

Constant vibration created by air drills, pavement breakers etc. is destructive to air hose couplings, especially the quick-acting type. To provide protection connect one end of a 3' to 10' length of air hose to the tool using the heat-treated "No. 3500" Steel Nipple which withstands vibration for a longer period. Connect the other end of "Whip Hose" to the air supply with the quick-acting coupling. "Whip Hose" should remain permanently connected to the tool and should be the same diameter as the supply line hose.

AIR FITTINGS



	Size	Hose	I.D.'s	Torque*	Don't #
L	JIZE	From:	To:	Torque*	Part #
	3/8"	11/16"	7/8"	6	12 CD
ı	1/2"	1"	1 3/16"	6	12 <i>A4</i>
ı	3/4"	1 1/8"	1 5/16"	12	12 A9
ı	1"	1 5/16"	1 1/2"	12	12 <i>A10**</i>
L	1"	1 1/2"	1 13/16"	21	12 A14

Plated Malleable Iron

"WHIPCHEK" SAFETY CABLE

USE "WHIPCHEK" TO HELP PREVENT ACCIDENTS OR INJURY RESULTING FROM HOSE OR COUPLING FAILURE.

A positive Safeguard For Air Hose Connections - Helps You Meet Today's Safety Standards

These strong steel cables prevent hose whip in case of accidental separation of coupling or clamp device. "WHIPCHEK" reaches across the hose fittings to provide standby safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. "WHIPCHEK" should be installed in the extended position (no slack). Maximum Working Pressure: 200 PSI for Air

FEATURES

- Hose-to-hose or hose-to-rigid outlet
- Whipchek is the low cost answer to eliminate injuries caused by broken air hose connections
- . Highly resistant to rust and corrosion
- No tools needed Easy to install and remove

Accepted by

Bureau of Mines Bureau of Reclamation U.S. Army Corps. of Engineering



Hose End Style WSR, for hose-to-tool service

Cable	Hose I.D.	Length	Part #
1/8" 1/4"	1/2" - 1 1/4" 1 1/2" - 3"		12WSR1 12WSR2



Hose End Hose End Style W, for hose-to-hose service

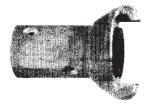
Cable	Hose I.D.	Length	Part #
1/8"	1/2" - 1 1/4"	20 1/4"	12WB1
1/4"	1 1/2" - 3"	38 1/4"	12WA2

U.S. Patent No. 3.859,692 Foreign Patent Pending

SAND BLAST COUPLINGS

These fittings are designed for use on Sand Blast and Cement Placing hose. Supplied with screws. Installation: 1) Ends of hose must be cut square to fit snug against metal end. 2) Holding hose tight to end of fitting, insert screws and turn in full, putting screw 180° from first to insure best centering. 3) After all screws have been placed, check tube opposite screws to be sure screws have not penetrated completely through.

Tool End



QUICK COUPLINGS

Hose	Hose	Brass	Alum.
Size	O.D.	Part #	Part #
3/4"	1 1/2"	BSB75	ASB75
1"	1 7/8"	BSB100	ASB100
1 1/4"	2 5/32"	BSB125	ASB125
1 1/2"	2 3/8"	BSB150	ASB150



NOZZLE HOLDERS

MOLLEL HOLDENS				
Hose	Hose	Brass	Alum.	
Size	O.D.	Part #	Part #	
3/4"	1 1/2"	BNH75	ANH75	
1"	1 7/8"	BNH100	ANH100	
1 1/4"	2 5/32"	BNH125	ANH125	
1 1/2"	2 3/8"	BNH150	ANH150	

^{*} Recommended Torque rating in FT. LBS. ** Can be used with AM6 & AM11.

"KING" COMBINATION NIPPLES

Hose nipples, made from tubular stock, to fit straight end hose. Threaded end, in all styles, has male NPT thread - same size as hose; i.e. 2" nipple has 2" thread and fits 2" I.D. hose. Combination nipples are recommended for low pressure discharge and suction service. The working pressure of combination nipples varies with the size of the nipple, the size and construction of the hose and the type of clamping system used. A coupled length of hose, in any size, should be tested to 1 1/2 times the working pressure and held for 15 minutes without leaking or coupling movement. As a general rule, these fittings are not recommended for pressures exceeding 100 PSI on hose diameters 3" and over. Not intended for compressed air on sizes 1 1/4" and above.



UNPLATED STEEL NPT Ends

Size	Part #
1/2"	12ST1
3/4"	12ST5
1"	12ST10
1 1/4"	12ST15
1 1/2"	12 ST20
2"	12 ST25
2 1/2"	12 ST30
3"	12ST35
4"	12ST40
5"	12ST50
6"	12ST60
8"	12ST80
10"	12ST100
12"	12ST120



UNPLATED STEEL Grooved Ends

	Size	Part #
	1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 4" 5" 6" 8"	STV10 STV15 STV20 STV25 STV30 STV35 STV40 STV50 STV60 STV80 STV100
ı	12"	STV120



JUMP SIZES Hose Shank x Male NPT

Plated Steel	Male	Hose
Part #	NPT	Shank
STC0510	1"	3/4"
STC1005	3/4"	1"
STC1015	1 1/4"	1"
STC1510	1"	1 1/4"
STC1520	1 1/2"	1 1/4"
STC2015	1 1/4"	1 1/2"
STC2025	2"	1 1/2"
STC2520	1 1/2"	2"
STC2530	2 1/2"	2"
STC3025	2"	2 1/2"
STC3035	3"	2 1/2"
STC3530	2 1/2"	3"
STC3540	4"	3"
STC4035	3"	4"

ALSO AVAILABLE IN BRASS, 316 STAINLES S STEEL. ALUMINUM AND NYLON

STEEL HOSE MENDER



Zinc Plated Steel

Size	Part #
1/4"	12DMA
3/8"	12 <i>DMB</i>
1/2"	12 <i>DM1</i>
5/8"	12 <i>DM5</i>
3/4"	12 <i>DM6</i>
1"	12 <i>DM11</i>
1 1/4"	12 <i>DM16</i>
1 3/8"	12 <i>DM18</i>
1 1/2"	12 <i>DM21</i>
1 1/2"	12 <i>DMXL21</i> 1
2"	12 <i>DM26</i>
2"	12DMXL26*
2 1/2"	12 <i>DM31</i>
3"	12 <i>DM36</i>
4"	12 <i>DM46</i>
5"	12 <i>DM51</i>
6"	12 <i>DM66</i>
8"	12 <i>DM86</i>
10"	12 <i>DM100</i>
12"	12 <i>DM120</i>

"TUFF-LITE" NYLON MENDER



Size	Part #
1 1/4"	TM16
1 1/2"	TM21
2"	TM26
3"	TM36
4"	TM46
6"	TM66

Special Formula Reinforced Nylon Max. Work. Temp. 150° F

SHANK SUCTION COUPLINGS (NPSM Thread)

ALUMINUM with BRASS SWIVEL NUT







COMPLETE COUPLING

Size	Part #
1 1/4"	12548
1 1/2"	12563
2"	12\$78
2 1/2"	12593
3"	125111
4" 5"	12S123 12S168
6"	12S183
8"	125243

FEMALE

Size	Part #
1 1/4" 1 1/2"	12S17 12S22
2" 2 1/2"	12S27 12S32
3"	12S32 12S38
4"	12S42
5"	12857
6"	12562
8"	12S82

MALE

Size	Part #
1 1/4"	12515
1 1/2"	<i>12S20</i>
2"	12525
2 1/2"	12530
3"	12536
4"	12540
5"	<i>12S55</i>
6"	12560
8"	12STC80

ALSO AVAILABLE IN MALLEABLE IRON, BRASS, AND NYLON

WASHERS



Size	Part #
3/4	12KRW5
1"	12KRW10
1 1/4"	12KRW15
1 1/2"	12KRW20
2"	12KRW25
2 1/2"	12KRW30
3"	12KRW35
4"	12KRW40
5"	12KRW50
6"	12KRW60
8"	12KRW80

ALSO AVAILABLE IN NEOPRENE, VITON, AND LEATHER

SPANNER WRENCHES





LIGHTWEIGHT HYDRANT AND **SPANNER WRENCH** SWAW1



HEAVY DUTY HYDRANT AND SPANNER WRENCH SW189

CAM & GROOVE COUPLINGS



AVAILABLE IN THE FOLLOWING SIZES: 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4", 6" & 8" *



Coupler x Hose Shank













AVAILABLE IN THE FOLLOWING MATERIALS: ALUMINUM, HARD COAT ALUMINUM, BRASS, MALLEABLE IRON, STAINLESS STEEL, AND POLYPROPYLENE.

STRAINERS



STANDARD THREADED ROUND HOLE TYPE

Size	Part #
1 1/2"	12RHS20
2"	12RHS25
2 1/2"	12RHS30
3"	12RHS35
4"	12RHS40
5"	12RHS50
6"	12RHS60
8"	12RHS80
10"	12RHS100
12"	12RHS120

FOOT VALVES











COMPLETE ASSEMBLY PAINTED

Size	Part #
1 1/2"	12DFVS20
2*	12DFV\$25
2 1/2"	12DFV\$30
3"	12DFVS35
4"	12DFVS40
6"	12DFVS60
8"	12DFVS80
10"	12DFVS100
12"	12DFVS120

STRAINER ONLY PAINTED

Part #
12FVS20
12FVS25
12FVS30
12FVS35
12FVS40
12FVS60
12FV\$80

FLAPPER VALVE ASSEMBLY

Part #
12FVFA20
12FVFA25
12FVFA30
12FVFA35
12FVFA40
12FVFA60
12FVFA80

VALVE LEATHER

Part #
12FVL20
12FVL25
12FVL30
12FVL35
12FVL40
12FVL60
12FVL80

SEAT PLATE

Part #
12FVSP20
12FVSP25
12FVSP30
12FVSP35
12FVSP40
12FVSP60
12FVSP80

BANDING TOOLS & ACCESSORIES

CLAMPS



BANDING TOOL





BAND & BUCKLES

STAINLESS STEEL



Band		
100 Ft. F	er Roll	
Type 201	Stainles	s Steel
Cat. No.	Width Inches	Thickness Inches
12 C202	1/4	.020
12 C203	3/8	.025
12 C204	1/2	.030
12 C205	5/8	.030
12C206	3/4	.030

Buckles	
Package Qu	antity — 100
Type 201 St	ainless Steel
Cat	Width
No.	Inches
12C252	1/4
12C253	3/8
12C254	1/2
12C255	5/8
12C256	3/4



ADAPTER



PREFORMED CLAMPS

Clamp Type 201 i.D. Stainless Stee inches Cat.

Band Width 1/2	" × Band Thickness .0:	30″
1	12JS203	
11/4	12JS204	
11/2	12JS231	
13/4	12JS236	
2	12JS237	
21/2	12JS233	
23/4	12JS230	
3	12JS234	
31/2	12JS247	
4	12JS249	_



CENTER-PUNCH TOOL



CENTER-PUNCH BAND



MALLET

3/8" & 5/8" WIDE

GALVANIZED & STAINLESS STEEL

Cat. No.	Clamp I.D. Inches	Band Width Inches
Galvanized	Carbon Stee	el
12CS03	13/16	3/6
12CS0311	13/s	3/8
12CS04	1	5/e
12CS05	11/4	5/8
12CS06	11/2	5/8
12CS07	13/4	5/8
12CS08	2	5/8
12CS09	21/4	5/8
12CS10	21/2	5/8
12CS11	23/4	5/8
12CS12	3	5/8
12CS14	31/2	5/8
12CS16	4	5/8
12CS18	41/2	5/8
12CS20	5	5/8
12CS24	6	5/8
12CS28	7	5/8
12CS32	8	5/ _B

combohex



3/8" HEX HEAD, COLLARED SCREW

"64" SERIES ALL STAINLESS COMBO-HEX

Band and housing of 300 series stainless steel. Hex head, safety collared, slotted screw is 400 series stainless steel.

"54" SERIES COMBO-HEX

Band and housing of 300 series stainless steel, ${}^{9}8''$ hex head, safety collared, slotted screw is cadmium plated, carbon steel.

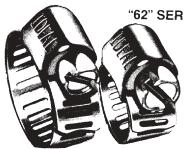
240	T 110		CLAMP D	IAMETER	
РАК	T NO.	M/	AX.	MI	N.
64 Series	54 Series	ENGLISH (in.)	METRIC (mm)	ENGLISH (in.)	METRIC (mm)
6406 6408 6410 6412 6416 6420 6424 6432 6436 6440 6444 6448 6456 6464 6472 6480 6488 6496 64104	5406 5408 5410 5412 5416 5424 5424 5432 5436 5440 5440 5452 5456 5464 5470 5488 5496 54104	.87 1.00 1.12 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25 3.50 3.70 4.50 5.50 6.50 6.50	22.2 25.4 28.5 31.7 38.1 44.4 50.8 57.1 63.5 69.8 76.2 82.5 88.9 95.2 101.6 114.3 127.0 139.7 152.4 165.1 177.8	.38 .44 .50 .50 .75 .75 .1.00 1.32 1.32 1.63 1.63 1.83 2.63 3.13 3.63 4.25 4.75	9.6 11.1 12.7 12.7 19.0 19.0 25.4 33.4 39.7 22.3 28.6 33.4 41.3 47.7 54.0 66.7 79.4 108.0 120.7 101.6

"56" SERIES SNAPLOCK

Band and housing of 300 series stainless steel. Shouldered %16" hex head, slotted screw is cadmium plated, carbon steel.

56128	8.62	219.0	2.13	54.0
56152	10.00	254.0	2.50	63.5
56188	12.25	311.1	2.50	63.5

MINIATURE WORM DRIVE



English/Metric Conversion

Torque 10 in 1bs 1.13 N•ri "62" SERIES MICRO-GEAR

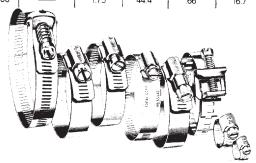
Band and housing of 300 series stainless steel. ¼" hex head slotted screw is zinc plated, carbon steel.

6207 and 6208 ALL STAINLESS MICRO-GEAR

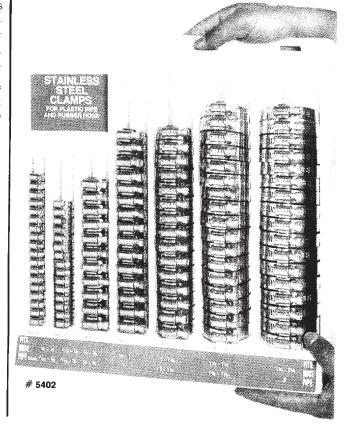
Band and housing of

300 series stainless steel. ¼4" Hex head, slotted screw is 400 series stainless steel.

P#	ART NO.	CLAMP DIAMETER			
1/4" HEX HEAD Screw		MAX.		. MI	N.
ZINC Plate	ALL STAINLESS	ENGLISH (in.)	METRIC (mm)	ENGLISH (in.)	METRIC (mm)
6202 6203 6204 6205 6206	6207 6208 ————————————————————————————————————	.62 .87 1.25 1.50 1.75	15.8 22.2 31.7 38.1 44.4	.25 .30 .66 .66	6.4 7.6 16.7 16.7 16.7



120 CLAMP ASSORTMENT



REDUCERS & ADAPTERS

HYDRANT ADAPTERS R369250***



2-1/2' FEMALE NST X

3/4 MGHT 1" MNP 1-1/2" MNPT or NST 2" MNPT or NPSH 2-1/2" MNPT or NPSH

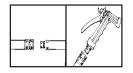
4-WAY SILLCOCK KEY

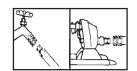












R19 DOUBLE MALE



1/2" x 3/4 GHT 3/4 IPT x 3/4 GHT GHT x GHT 1"MPT x 3/4 GHT

R9200 DOUBLE FEMALE



1/2"IPT X 3/4GHT 3/4 IPT X 3/4 GHT GHT X GHT

R92 FEMALE X MALE



1/2" NPT X 3/4 GHT 3/4GHT X 1/2" NPT 3/4 NPT X 3/4 GHT 3/4 GHT X 3/4 NPT

R93 FEMALE X MALE



1" NPSH X 3/4 MGHT

R91 DOUBLE FEMALE SWIVEL



3/4 GHT X 3/4 NPT 3/4 GHT X 3/4 GHT

R92 FEMALE X MALE SWIVEL



3/4 GHT X 1/2 MPT

NOZZLES HEAVY DUTY



N250B

BRASS FOG NOZZLE



NSL***

PLASTIC FOG NOZZLE

3/4 GHT, 1"NPSH, 1-1/2", 2", 2-1/2"

STRAIGHT BRASS NOZZLE



N572NB***

Size	Length	Tip Orifice
3/4"	6"	1/4"
1 "	8"	5/16"
11/4"	10"	3/8"
11/2"	10"	1/2 "
11/2"	12"	1/2"
2"	12"	9/16"
21/2"	12"	1"

HEAVY DUTY SPRAY NOZZLE

A PRECISION NOZZLE FOR INDUSTRIAL WASHDOWN APPLICATIONS INSULATED COVER FOR HOT WATER APPLICATIONS. COMPLETE WITH CONTINUOUS ACTION SWIVEL.





NOZZLES

GARDEN STYLE



HEAVY-DUTY LEVER NOZZLE W/ REVERSABLE SPRAY TIP

NC125

HOT'N COLD WATER NOZZLE INSULATED GRIP FOR SPRAYING HOT OR COLD WATER



N571



SOLID BRASS TWIST NOZZLE

N164C

"CLASSIC"





N573



SOLID BRASS "WATER JET" NOZZLE

N06BJ





Model M Large open flow stream



3/4" GHT



Potomac RUBBER COMPANY INC.

HOSE REELS & RACKS



STAINLESS STEEL HOSE RACK
WALL MOUNT



SPRING REWIND HOSE REEL

HEAVY DUTY REEL FOR AIR, WATER OR LUBRICATION SERVICE. COMPATIBLE WITH MANY APPLICATIONS



RH1200

PORTABLE REELS ARE A NATURAL CHOICE FOR A WIDE RANGE OF APPLICATIONS; GROUNDS MAINTENANCE RESTAURANTS HOME USE REELS ARE CONTINUOUS FLOW, FOR QUICK SETUP.



#3000 SERIES

STRONG, HEAVY DUTY REELS, DESIGNED FOR LONGER LENGTHS OF HOSE OR CABLE, CONTINUOUS FLOW OR DRY STORAGE, THEY ARE AVAILABLE WITH MANUAL REWIND, ELECTRIC MOTOR EITHER *AC OR DC*, ALSO AIR REWIND.

LAWN CARE
PEST CONTROL
STEAM CLEANING
WATER SUPPLY

BALL VALVES

BALL VALVES ARE CONSTRUCTED OF HEAVY DUTY FORGED BRASS. THEY ARE DESIGNED FOR COMMERCIAL AND INDUSTRIAL USE

SIZES: 1/4",3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"

2.5", 3", 4" FNPT



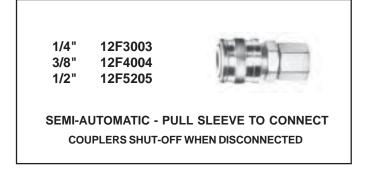
QUICK DISCONNECT

INDUSTRIAL INTERCHANGE

INDUSTRIAL QUICK-CONNECT FITTINGS ARE OF THE POPULAR INDUSTRIAL INTERCHANGE DESIGN AND WILL INTERCHANGE WITH MANY OTHER MAKES.

PLUGS COUPLERS

MALE		
	1/4" 3/8" 1/2"	12F103 12F434 12F545
FEMALE		
	1/4" 3/8" 1/2"	12F113 12F434 12F555



PLUG SOCKET 1/4" 12F25FP 1/4" 12F25FS 3/8" 12F38FP 3/8" 12F38FP 1/2" 12F50FP 1/2" 12F50FS

STRAIGHT THROUGH QUICK-CONNECT

THESE COUPLERS AND PLUGS HAVE NO INTER-NAL VALVES; PROVIDES MAXIMUM FLOW AND MINIMUM PRESSURE DROP