

# **Tank Truck Fittings**

**KORD INDUSTRIAL INC. 866.874.5673** 



# **3" Drop Elbows (Tight Fill Couplers)**

# **Complete Units**

## Features:

- aluminum body
- brass handle and cam arms with buna gasket
- steel bolts on inlet end
- plexiglass sight flow insert with buna seals

Coupler Size	Inlet Size	Inlet Type	Aluminum Part #
3"	3"	male adapter	300300MAE
3"	4"	male adapter	3004030MAE

# **Coupler Body**

# plunger type handle

Sizo	Aluminum
Size	Part #
3"	300-TFG



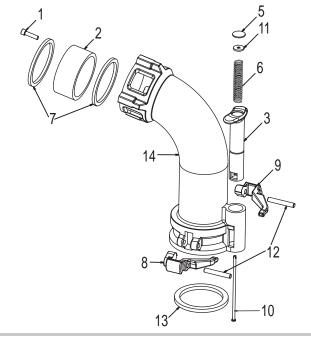
# **Inlet Ends**

Inlet	Inlet Type	Aluminum
Size	miot Typo	Part #
3"	male adapter	300-MAE
4"	male adapter	4030-MAE



# **Parts List**

Item #         Description         Part #           1         screw-inlet end         P3-TFG-1           2         plexiglass-shell only         P3-TFG-2           3         plunger         P3-TFG-3           5         plunger cap         P3-TFG-5           6         spring         P3-TFG-6           7         plexiglass gasket         P3-TFG-7           8         right cam arm         P3-TFG-8           9         left cam arm         P3-TFG-9           10         rod         P3-TFG-10
plexiglass-shell only plunger plunger cap plunger cap plunger cap plexiglass gasket plexiglass gasket pright cam arm
3         plunger         P3-TFG-3           5         plunger cap         P3-TFG-5           6         spring         P3-TFG-6           7         plexiglass gasket         P3-TFG-7           8         right cam arm         P3-TFG-8           9         left cam arm         P3-TFG-9
5 plunger cap P3-TFG-5 6 spring P3-TFG-6 7 plexiglass gasket P3-TFG-7 8 right cam arm P3-TFG-8 9 left cam arm P3-TFG-9
6 spring P3-TFG-6 7 plexiglass gasket P3-TFG-7 8 right cam arm P3-TFG-8 9 left cam arm P3-TFG-9
7 plexiglass gasket P3-TFG-7 8 right cam arm P3-TFG-8 9 left cam arm P3-TFG-9
8 right cam arm P3-TFG-8 9 left cam arm P3-TFG-9
9 left cam arm <b>P3-TFG-9</b>
10 rod <b>P3-TFG-10</b>
100
11 disc <b>P3-TFG-11</b>
12 pin <b>300-P</b>
13 coupler gasket <b>300-G-BU</b>
14 body <b>P3-TFG-13</b>



# 4" Drop Elbows (Tight Fill Couplers)

## Features:

- cast aluminum modular construction
- · brass handle and cam arms with buna gasket
- stainless steel bolts on inlet end
- acrylic sight glass with buna seals



drop elbow with side lever with 4" coupler inlet

# side lever type handle

Size	Inlet Type	A Overall Height	B Ground Clearance	Aluminum Part #
4"	elbow only, without inlet connection	17-3/4"	10-7/8"	6200
4"	elbow with 4" adapter inlet	17-3/4"	10-7/8"	6200A
4"	elbow with anti-spill sleeve, without inlet connection	17-3/4"	10-7/8"	6200T
4"	elbow with 4" coupler inlet	17-3/4"	10-7/8"	6200D



drop elbow with side lever without inlet connection

# side lever type handle - extended body

	<b>,</b> ,			•
Cizo	Inlet	A	B	Aluminum
Size	Туре	Overall Height	Ground Clearance	Part #
4"	tall elbow only, without inlet connection	21"	13-3/4"	6200X
4"	tall elbow with 4" adapter inlet	21"	13-3/4"	6200XA
4"	tall elbow with anti-spill sleeve,	21"	13-3/4"	6200XT
	without inlet connection			
4"	tall elbow with 4" coupler inlet	21"	13-3/4"	6200XD
4"	tall elbow with anti-spill tube & 4" coupler inlet	21"	13-3/4"	6200XDT



self-locking drop elbow - no inlet

# **Self-Locking**

		_		
	Inlet	Α	В	Aluminum
Size	Туре	Overall Height	Ground Clearance	Part #
4"	tightfill elbow with locking handle	17-3/4"	10-7/8"	6500
4"	tightfill elbow with locking handle and 4: adapter inlet	17-3/4"	10-7/8"	6500A

# **Inlet Ends**

Replacement parts are available.







Inlet	Inlet	Aluminum	
Size	Type	Part #	
3"	male adapter	6000-16	
4"	male adapter	6000-17	
3"	female coupler	6000-15	
4"	female coupler	6000-14	
4"	female with FNPT	6000-20	

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# **Top Side Lever Elbow**Fits 6200 Elbow Only

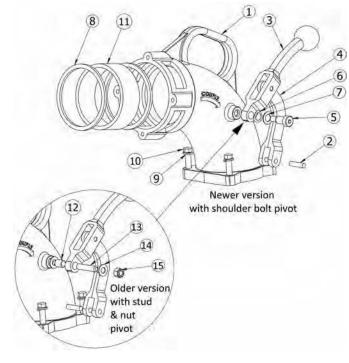
# **Bill Of Materials**

Item #	Description	Part #	Qty
1	body	6200-1	1
2	pin	PIN5/16x11/4P	2
3	handle	use kit <b>6200-15ASSM</b>	 1
4	handle linkage	use kit <b>6200-15ASSM</b>	 1
5 <sup>1</sup>	shoulder bolt	use kit <b>6200SBK</b> 1	 1
6 ¹	wave washer	use kit <b>6200SBK</b> 1	 1
7 1	SS flat washer	use kit <b>6200SBK</b> 1	 1
8A	Baylast™ gasket	4433	2
8B	Viton® gasket (opt.)	4426	2
9	lock washer	use kit <b>6000EHK</b>	 4
10	bolt	use kit <b>6000EHK</b>	 4
11	sight glass	use kit <b>6200SGK</b>	 1
12 <sup>2</sup>	bushing	use kit <b>6200SHK</b> 2	 1
13 <sup>2</sup>	stud	use kit <b>6200SHK</b> 2	 1
14 <sup>2</sup>	nylon washer	use kit <b>6200SHK</b> <sup>2</sup>	 2
15 <sup>2</sup>	nut	use kit <b>6200SHK</b> <sup>2</sup>	 1

<sup>&</sup>lt;sup>1</sup> items 5 - 7 for shoulder bolt pivot version only

# **Repair Kits**

Part #	Description	Includes
6200SGK	replacement sight glass andBaylast™ seals	8, 11
6000EHK	replacement bolts and lock washers	9, 10
6200-15ASSM	replacement handle, linkage and pin	2, 3, 4
<b>6200SHK</b> <sup>2</sup>	replacement stud pivot, nylon washers, bushing and nut	5, 6, 7
<b>6200SBK</b> <sup>2</sup>	replacement stud pivot, nylon washers, bushing and nut	12, 13, 14, 15



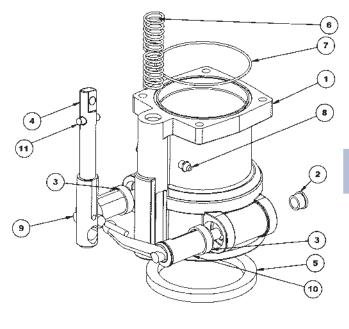
# Bottom Unit, for Side Lever Elbows Fits 6200, 6400 and 6500 Standard and Tall Elbows

# **Bill Of Materials**

Item #	Description	Part #	Qty
1	body	use kit <b>6230</b>	 1
2	small bushing	use kit <b>6200BK</b>	 2
3	large bushing	use kit <b>6200BK</b>	 2
4A	handle stem (stand)	6200-7	1
4B	handle stem (tall)	6200-7X	1
5	main gasket	6000-9	1
6	spring	112012	1
7	O-ring	AS156	1
8	grease nipple	NIPPLE/1	1
9	right arm	use kit 6200ARK	 1
10	left arm	use kit 6200ARK	 1
11	pin	PIN5/16x11/4P	1

# Repair Kits

	•	
Part #	Description	Includes
6230	complete standard replacement bottom unit	all
6230X	complete tall replacement bottom unit	all
6200ARK	replacement left and right arms, main gasket, O-rings, small and large bushings	2, 3, 5, 7 9, 10
6200BK	replacement small and large bushings	2, 3



<sup>&</sup>lt;sup>2</sup> items 12 - 15 for stud and nut pivot version only

# **Vapor Recovery Drop Elbows**



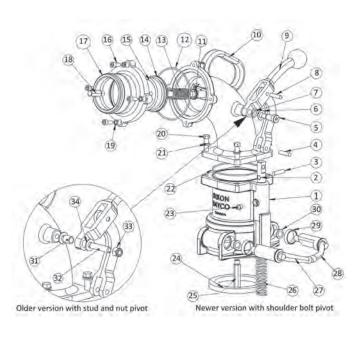
# Features:

- for use in two point vapor recovery system
- one-piece bronze locking arms housed in polymer bushings
- advanced design side lever locking system
- Buna seals and stainless steel hardware
- bolt on 3" male outlet included (VR6000-6) which can be rotated for extended life
- lubrication fitting on locking stem see 6400 co-axial elbow for single point vapor recovery on page 641

Description	<i>Aluminum</i> Part #	
3' male adapter with probe, without poppet valve	VR6200NP	
3" male adapter outlet with probe and poppet valve	VR6200	

# **VR6200 Series Vapor Elbows**

# Bill Of Materials



Repair	Kits
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	Part #	Description	Includes	Price/E
	VR6230	complete replacement bottom body	1, 2, 3, 22, 23, 24, 25, 26, 27, 28, 29, 30	\$447.55
	6200SBK <sup>1</sup>	replacement shoulder bolt pivot, wave washer and flat washer	5, 6, 7	2.15
	6200-15ASSM	replacement handle, linkage and linkage pin	8,9	54.65
	6000NPHK	replacement adapter (4) bolts and lock washers	16, 19	6.00
replacement body bolts and lock washers		20, 21	8.80	
replacement (2) large and small arm bushing		29, 30	42.80	
replacement stud pivot, nylon washer, bushing and nut		31, 32, 33, 34	15.95	

Bill Of Materials				
Item #	Description	Part #		Qty
1	bottom body	use kit <i>VR6030</i>		1
2	stem	6200-7		1
3	stem stop pin	PIN5/16X11/4-P	POR	1
4	stem link pin	PIN5/16X11/4-P	POR	1
5 <sup>1</sup>	shoulder bolt pivot	use kit <b>6200SBK</b> 1		1
6 <sup>1</sup>	SS flat washer	use kit <b>6200SBK</b> 1		1
7 1	wave washer	use kit <b>6200SBK</b> 1		1
8	handle pin	PIN 5/16X1¼-P	POR	1
9	handle and linkage	use kit <b>6200-15ASSM</b>		1
10	top elbow body	VR6000-1		1
11	poppet bushing	VR6000-3		1
12	outlet O-ring only	110319		1
13	poppet spring	L1110-L2287		1
14	Viton® poppet seal	O-RING-AS-334		1
15	poppet valve	VR6000-4		1
16	outlet adapter bolt	use kit 6000NPHK		4
17	outlet adapter with outlet O-ring	VR6000-6		1
18	poppet valve stand off	VR6000-5		1
19	lock washer	use kit 6000NPHK		4
20	bolt	use kit 6000EHK		4
21	lock washer	use kit 6000EHK		4
22	body O-ring	AS156		1
23	grease nipple	NIPPLE/1		1
24	main seal gasket	6000-9		1
25	probe	VR6000-7		1
26	stem spring	112012		1
27	left arm	VR6000-9		1
28	right arm	VR6000-8		1
29	large bushing	use kit <b>6200BK</b>		2
30	small bushing	use kit <b>6200BK</b>		2
31 <sup>2</sup>	pivot bushing	use kit <b>6200SHK</b> 2		1
32 <sup>2</sup>	pivot stud	use kit <b>6200SHK</b> 2		1
33 <sup>2</sup>	pivot lock nut	use kit <b>6200SHK</b> 2		1
34 <sup>2</sup>	nylon washer	use kit <b>6200SHK</b> <sup>2</sup>		2

<sup>1</sup> items 5 - 7 for shoulder bolt pivot version only

<sup>2</sup> items 12 - 15 for stud and nut pivot version only

# **Coaxial Drop Elbow**

### Features:

- for single point vapor recovery only
- 3" male vapor outlet (top)
- · comes assembled with 4" male inlet
- 6400 co-axial inlets do not fit our other elbow series
- quality cast aluminum construction with solid bronze arms
- · bolt-on inlets/outlets for easy, fast replacement
- acrylic sight glass with buna seals
- · replacement parts are available

Description	Aluminum	
Description	Part #	
4" male inlet	6400	



# **Coaxial Drop Elbow Replacement Fuel Inlets**

## Features:

- for 6400 series coaxial elbows only
- rated for petroleum service, Ethanol to E100 and biodiesel to B20

December	Aluminum
Description	Part #
3" adapter fuel inlet	6000-16C
4" adapter fuel inlet	6000-17C
3" coupler fuel inlet	6000-15C
4" coupler fuel inlet	6000-14C





# **Side Seal Drop Elbow**

## Features:

- for use with special 4" side seal style fill collars only
- · modular, easy to repair, bolt together aluminum construction
- comes with acrylic sight glass with buna seals (2), bronze locking levers and buna main seal
- 4" male adapter inlet and lock ring installed
- · replacement parts are available

	Aluminum	
Description	Part #	
side seal elbow with lock ring and 4" male adapter inlet	6000ASAL	



# **Side Seal Adapter**

## Features:

- allows conventional elbows to be used with special side seal style fill collars
- bottom connects to side seal fill collar
- top section with standard 4" top seal collar profile to accept clamping of standard 4" drop elbows
- replacement parts are available

	Aluminum	
Description	Part #	
4" top seal drop elbow adapter x side seal connection	6000-SSA	



# **Tank Truck Flanged Sight Flow Indicators**

• Due to the proprietary blending of petroleum products, Dixon recommends that the thermoplastic tubing and the gaskets be immersion tested in the product to be handled to ensure compatibility (not compatible with crude oil).



### Features:

- durable cast aluminum housing replaces the acrylic sight glass commonly found on tank trucks
- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- low cost sight glass tube can be easily replaced



# TTMA pattern flanged short sight flow indicators

Size	Length	<i>Aluminum</i> Part #
4"	1¾"	5200-SFI
3"	1¾"	5200-SFI-3

repair kits

	•
Part #	Description
3" replacement sight glass, Baylast™ O-ring and retainer ring kit	5200-SFI-3-RK1
3" replacement sight glass, Viton® O-ring and retainer ring kit	5200-SFI-3V-RK1
4" replacement sight glass, Baylast™ O-ring and retainer ring kit	5200-SFI-RK1
4" replacement sight glass, Viton® O-ring and retainer ring kit	5200-SFIV-RK1

## Features:

- allows for visual identification of the fuel grade prior to opening the valve
- works with tank truck flanged butterfly valves found on gasoline trucks
- larger ID 4-3/8" flow indicator allows tank truck flanged butterfly valves to connect to either end of the indicator
- rated to 150 PSI



# sight flow indicator with 4-3/8" flow

Size	Length	<i>Aluminum</i> Part #	Opt Qty
4"	3"	5201-SFI	5

# replacement parts

Description	Used on	Part #
replacement Baylast O-rings, sight glass and retaining ring		5201-SFI-RK1
Buna-N O-ring		O249BU

## Features:

- allows for visual identification of the fuel grade prior to opening the valve
- 4" flow diameter

## sight flow indicator with 4" flow

signit now indicator with 4 now				
Size	<i>Aluminum</i> Part #		Opt Qty	
4"	4-1460-AL		10	
replacement parts				
Description	Part #	(	Opt Qty	
plexiglass insert	4PSG		10	
Buna-N O-ring	O246BU		10	



# Fill Pipe Adapters TFA Series Adapters

# Feature:

for use with 3" drop elbows (300-TFG)

Adapter Size	Female NPT Thread	<i>Aluminum Hardcoat</i> Part #	Opt Qty
3"	3"	300-TFA	10



# **Fill Adapters**

# Features:

- for use with 4" drop and co-axial elbows (6200, 6400 and 6500 series)
- BZ4051S has NPSM thread and is supplied with a gasket

Adapter Size	Female Thread	Height	Material	Part #	Opt Qty
4"	4" NPSM	2-3/8"	bronze	BZ4051S	5
4"	4" NPT	3-1/2"	bronze	BZ4051	5



with NPSM thread



with NPT thread

# **Vapor Recovery Adapters**

## Features:

- · low profile design
- poppeted vapor collar at station vapor outlet
- can also be used as vapor valve on tanker but does not have air interlock mount
- for use with dual point vapor elbows (VR6200 series)

Adapter Size	Female Thread	Height	Material	Part #	Opt Qty
4"	4" NPT	3-5/8"	bronze	VR4086	5
4"	4" NPT	3-5/8"	ZN-AL alloy	VR4086-BY	5



# **Fill Pipe Adapter Caps**

## Features:

- single action locking cap
- · aluminum cap
- bronze cam arms

Size	Aluminum	Opt
Size	Part #	Qty
4"	SA4050AL	10



# **API Dust Caps**



Size	Description	Aluminum	Opt
Size	Size Description	Part #	Qty
4" API	with flat gasket	41450-DCAL	5
	with O-ring seal	5000-24	10

Size Description	Description	Nylon	Opt
	Part #	Qty	
4" API	with flat gasket	5000-25	20

# **Gravity Drop Adapters**

# Application:

• for offloading through an API adapter



Adapter Size	Coupler Size	Description	<i>Aluminum</i> Part #
3"	4" API	with O-ring seal	4530
3"	4" API	with inline sight glass and flat gasket	4530SG
3"	4" API	with flat gasket	31440-225AL
4"	4" API	with O-ring seal	4540
4"	4" API	with inline sight glass and flat gasket	4540SG
4"	4" API	with flat gasket	41440-225AL

# repair kits



Description	Part #
sight glass repair kit (fits 3" and 4")	4540SG-RK1
replacement cam arms and pins (fits 3" and 4")	4540SG-RK3
replacement chain and "S" hook	5205-RK4
replacement chain and & neek	0200 71714

# replacement gaskets

Description	Material	Part #
O-ring replacement seal for 4530, 4540, 5000-24	Baylast	4500-5
flat replacement gasket for 4530SG, 4540SG	Baylast	4540SG-RK2
flat replacement gasket for 31440-225AL, 41440-225AL, 41450-DCAL	Buna	2143SEALBU
flat replacement gasket for 5000-25	Buna	5000-25RK1

# 4" Vapor Caps

## Features:

- special locking cap for underground tank vapor outlet VR4086 and tanker vapor valves
- bronze cam arms
- aluminum painted vapor recovery orange

	Aluminum
Size	Part #
4"	VR4050AL

# Features:

- Centered 'T' handle allows for one-handed use and provides a solid locking mechanism.
- strong and lightweight
- built-in locking feature
- corrosion resistant materials
- color coded vapor recovery orange

9:	Nylon
Size	Part #
4"	VR4050PL





# **Tank Transport Equipment Fusible Pipe Caps**

# female NPSM

Ciro	Stainless S	Steel 1	Opt	Aluminum	Opt	Iron	Opt
Size	Part #		Qty	Part #	Qty	Part #	Qty
3"	300-SFC-SS		10	300-SFC-AL	10	300-SFC-MI	10



# **Pipe Caps**

# female NPSM

Tomalo III om								
Ciro	Stainless S	Steel 1	Opt	Aluminum		Opt	Iron	Opt
Size	Part #		Qty	Part #		Qty	Part #	Qty
2"	200-PC-SS						200-PC-MI	
3"	300-PC-SS		10	300-PC-AL		10	300-PC-MI	10
4"	400-PC-SS							 



# **Reducers**

# female NPSM x male NPT

C:	Stainless S	Steel 1	Opt	Aluminum	Opt	Iron	Opt
Size	Part #		Qty	Part #	Qty	Part #	Qty
3" x 2"	3020-RD-SS		10	3020-RD-AL	10	3020-RD-MI	10
4" x 3"	4030-RD-SS <sup>2</sup>			4030-RD-AL			 



# **Reducing Cap**

# female NPSM x female NPT

Ci	Stainless Steel *		
Size	Part #		Qty
3" x 1"	3010-RC-SS		10



# **Gaskets and Washers**

C:	Buna-N	Opt	PTFE	Opt	Neoprene	Viton®
Size	Part #	Qty	Part #	Qty	Part #	Part #
1½"		 	150GPCTF			 
2"	200GPCBU	25	200GPCTF	10	KNW25	KVW25
3"	300GPCBU	25	300GPCTF	25	KNW35	KVW35
4"		 	400GPCTF		KNW40	

# **Tank Transport Equipment - Intermodal**

# **Pipe Caps**

# female BSPP

0:	Aluminum	Stainless Steel 1	Opt
Size	Part #	Part #	Qty
3"	300PCALAP	300PCSSAP	10



# **Thread Adapters**

Size	Stainless Steel 1
Size	Part #
3" x 2"	3020RDSSAP
3" x 3"	3030RDSSAP



# Cam and Groove Adapter female BSPP

Size	Stainless Steel <sup>1</sup> Part #
3"	300ASSSAP





<sup>&</sup>lt;sup>2</sup> welded fabrication

<sup>&</sup>lt;sup>1</sup> PTFE gaskets are standard in stainless steel fittings.

# **Bayonet Style Dry Disconnect Couplings**

# Application:

Designed for use in the fuel and lube oil service industry, they are not designed to be interchangeable with other types of dry disconnects, however they are used with the Emco Wheaton<sup>TM</sup> Dry Break<sup>TM</sup> commonly found in these services.

### Features:

Maximum pressure rating: 85 PSI @ 70° F

# **Adapters**

# bayonet style adapter x female NPT



0:	Seal	Stainless	Steel	Brass		Aluminum	
Size	Material	Part #		Part #	Price/E	Part #	
2"	Buna	BA31-200					
2"	Viton®	BA32-200					
3"	Buna			BA31-300	\$523.35	BA61-300	
3"	Viton®			BA32-300	523.35	BA62-300	

# **Dust Cap for Adapters**

## Feature

· rubber dust caps and stainless steel chains

Size	Part #
2"	BAC-200
3"	BAC-300

# **Couplers**

· replacement parts are available

# bayonet style 90° swivel coupler x female NPT

Size	Seal Material	Anodized Aluminum Part #
2"	Buna	BS61-200
2"	Viton®	BS62-200
3"	Buna	BS61-300
3"	Viton®	BS62-300



# bayonet style straight coupler x female NPT

Size	Seal Material	Anodized Aluminu		
	Seal Material	Part #		
2"	Buna	BC61-200		
2"	Viton <sup>®</sup>	BC62-200		



# bayonet style straight swivel coupler x female NPT

Cino	Coal Material	Anodized Aluminum
Size	Seal Material	Part #
2"	Buna	BSS61-200
2"	Viton®	BSS62-200
3"	Buna	BSS61-300
3"	Viton®	BSS62-300



## Feature:

· rubber dust plugs and stainless steel chains

Size	Part #	
2"	BCP-200	
3"	BCP-300	

# 6

# **Ball Nozzles for Bulk Delivery**

## Features:

- rugged construction provides rapid fuel oil transfer/delivery
- high flow
- heavy duty roller ball swivel with low temperature seals freely rotates without leaking at -40°F and 100 PSI
  3 PSI check valve is included to prevent back flow, 5 PSI is optional

# ball nozzle with swivel adapter outlet

Female NPT Inlet	Outlet	Anodized Aluminum Part #
11/4"	swivel quick fill nut	BL062
1½"	swivel quick fill nut	BL064

# ball nozzle with spout outlet

	1	
Female NPT	Spout	Anodized Aluminum
Inlet	Outlet	Part #
11/4"	1¼"	BL066
1½"	1¼"	BL068
1½"	1½"	BL072

ball nozzle replacement spouts

ropiacoment operate
Aluminum
Part #
1143A
1125A



# ball nozzle without spout outlet

Female NPT Inlet	Female NPT Outlet	Anodized Aluminum Part #
11/4"	11/4"	BL066NS
1½"	1¼"	BL068NS
1½"	1½"	BL072NS

repair	kits NEW
Description	Part #
inlet swivel seal and wear kit	SWMF-RK2
complete inlet swivel rebuild kit	SWMF-RK3
1½" FNPT replacement inlet swivel	SWMF-RK4
11/4" FNPT replacement inlet swivel	SWMF-RK5
1½" BSPP replacement inlet swivel	SWMF-RK6
replacement swivel outlet (BL062, BL064)	BL005
ball valve shaft seal kit	BL-RK4
complete ball nozzle seal kit	BL-RK10
optional check valve 5 PSI spring kit	BL-RK11
standard check valve 3 PSI cartridge kit	BL-RK12



super ball nozzle with spout outlet

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Female NPT	NPT Spout	Anodized Aluminum
Inlet	Outlet	Part #
2"	2"	BL920

super ball nozzle replacement spout

Sizo	Size Aluminum
Size	Part #
2"	391137

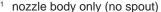
repai	r kits NEW
Description	Part #
inlet swivel grease nipple kit (optional)	SWMF-RK1
inlet swivel seal and wear kit	SWMF-RK22
complete inlet swivel rebuild kit	SWMF-RK32
2" FNPT replacement inlet swivel	SWMF-RK42
1½" FNPT replacement inlet swivel	SWMF-RK52
ball valve shaft seal kit	BL-RK42
complete ball nozzle seal kit	BL-RK102
optional check valve 5 PSI spring kit	BL-RK112
standard check valve 3 PSI cartridge kit	BL-RK122
replacement trigger kit	BL-RK13



# ւ(Մլ)սո Standard Utility Nozzles

- for use with 12 volt pumps and gravity flow fittings in economy fuel dispensing applications Features:
  - Underwriters Listed
- working pressure to 25 PSI

Female NPT Inlet	Spout Outlet	Die Cast Aluminum Part #
1"	1" outlet	<b>900</b> ¹
1"	1" straight	900S
1"	1" bent	900B
1"	3/4" straight	900W34S
1"	3/4" bent	900W34B
3/4"	¾" straight	900S34 <sup>2</sup>
3/4"	3/4" bent	900B34 <sup>2</sup>



# replacement items

Description	Part #
3/4" replacement straight spout	234-80-4
3/4" replacement bent spout	234-80-5
1" replacement straight spout	875-4
1" replacement bent spout	<i>875-5</i>
trigger	900TK
plunger & valve assemblies, cap, O-ring	900SK

# **Pressure Nozzle for Bulk Delivery**

## Features:

- manual operation (non-automatic) for high pressures and fuel flow up to 80 GPM
- easy opening dash pot design with shockless closing
- detachable trigger ratchet, packing gland and seal
- bronze trigger

# without spout

Female NPT Inlet	Female NPT Outlet	Aluminum Part #
1¼"	1¼"	114DNS
1½"	1½"	112DNS
		with spout

Female NPT Inlet	Spout Outlet	Aluminum Part #
1¼"	1¼"	114D
11/2"	1½"	112D

## replacement items

Description	Part #
aluminum replacement spout for 114D	1143A
aluminum replacement spout for 112D	1125A
main poppet, 2nd poppet, cap O-ring, valve stem	112DSK
valve stem blank plate to replace ratchet plate if ratchet not required	114DAL-AV-19
ratchet not required main and secondary poppets, cap O-ring, valve stem assembly and packing, sleeve stem packing and nut	114DSK

# **Overwing Aircraft Nozzles**

- manual operation (non-automatic) for high pressures and fuel flow up to 80 GPM easy opening dash pot design with shock-less closing

- detachable trigger ratchet, packing gland and seal bronze trigger and plastic guard pad to protect wing spout comes with cap, spring cord, fine mesh stainless steel screen filter, screw attachment for grounding cable (cable not supplied)

Female NPT Inlet	Spout Outlet	Aluminum Part #	
1¼"	1"	114DAVR	
1¼"	11/4"	114D-AV	
1½"	11/4	114D-AV-06ASM	

## replacement items

Description	Part #
trigger, bushing, pin and cotter pin main & secondary poppet assemblies,	114/2D-TK
main & secondary poppet assemblies, cap O-ring, valve stem assembly	114DAV-SK
1" spout assembly	114DAL-AV-25
1¼" spout assembly	114DAL-AV-16











# **Large Capacity Low Pressure / Gravity Nozzle**

## Application:

rugged utility nozzle for low pressure/gravity applications

## Features:

- rapid flow due to 1¼" oversize design
- 25 PSI maximum pressure

Female NPT Inlet	Spout Outlet	Aluminum Part #
11/4"	1¼"	1250-94



	repair kits
Description	Part #
trigger, pin	1250TK
plunger, O-rings, valve seal, valve base, valve plate	1250SK



# **Hose Swivels**

## Features:

- for use with petroleum and home heating oil hose
- prevents hose twisting or kinking

# **Hose Shank**

Male NPT	Shank Size	Bronze Part #
1½"	1½"	1565U



Description	Part #
replacement seal kit and retaining ring	1500SK



# **Heavy Duty**

### Features:

- male NPT x female NPT threaded connections
- heavy duty internal thrust bearing and anti-friction seal design ensures swiveling at -40°F
- can be lubricated without disassembly by using the optional grease fitting kit

Male NPT	Female NPT	Aluminum Part #
11/4"	1¼"	SWMF125
1½"	1½"	SWMF150
2"	2"	SWMF200



# repair kits NEW

Description	Part #
swivel grease nipple kit	SWMF-RK1
swivel seal and wear kit	SWMF-RK2
complete swivel rebuild kit	SWMF-RK3
swivel seal and wear kit	SWMF-RK22
complete rebuild kit	SWMF-RK32

## **Hose Swivels**

# Features:

- Allows the hose to relax to it's natural rest position while allowing freedom of movement without adding torque stress at the point of connection.
- simple design, low maintenance consists of 2 body halves, ball bearings and a washer
- Viton® seals standard, Chemraz® and Kalrez® optional
- working pressure: 150 PSI
- maximum temperature: 300°F (149°C)

			Aluminum
0:	316 Stainless	Steel	Aluminum
Size	Part #	Price/E	Part #
3/4"	HS075SS	\$684.45	HS075AL
1"	HS100SS	684.45	HS100AL
1½"	HS150SS	713.60	HS150AL
2"	HS200SS	713.60	HS200AL
3"	HS300SS	1513.10	HS300AL
4"	HS400SS	2926.25	HS400AL



# **Dixon Diesel and Gasoline Nozzles**

# )FuelMaster™ Diesel Nozzles



## Features:

- Provides the high flow capacity required by many truck stops and terminal operations.
- Micro-touch valve provides smooth operation and exceptional flow control.
- These nozzles are not to be used with gravity flow tanks.
- super tough nylon hand guard and hold-open clip
- easy to change 'locknut style' spout assembly
- green scuff guard
- automatic shutoff
- Underwriter's Listed
- not designed for use with small 12 volt pumps, AC utility pumps, farm pumps or consumer pumps

NPT Inlet	Spout Size		Approx. Flow Rate at 20 PSI (GPM)	Part #
1"	1-3/16"	3.5	30	DFN100HF
1"	1-3/16"	3.6	45	DEN100SE



MIXIN

# Big Mouth™ Diesel Nozzle

## Features:

- Micro-touch valve allows precise flow control
- Roto-matic latch pin provides positive auto shut-off
- This nozzle is not to be used with gravity flow tanks.
- pure PTFE packing eliminates stem leaks
- Super tough nylon hold-open clip and hand guard bend, but
- Snap-on handle cover makes changing scuff guards easy.
- yellow scuff guard
- automatic shutoff
- Underwriter's Listed
- not designed for use with small 12 volt pumps, AC utility pumps, farm pumps or consumer pumps

NPT Inlet	Spout Size		Approx. Flow Rate at 20 PSI (GPM)	
1"	1-1/8"	3	20	DFN100



# **Farm and Consumer Nozzles**



# Features:





- Automatic fuel nozzle designed for use with small 12 volt and AC utility pumps as well as large farm and consumer
- Heavy duty, stronger and more secure hook makes it easy to hang the nozzle on the pump.
- These nozzles are not to be used with gravity flow tanks.
- black scuff guard on gasoline nozzle, green scuff guard on diesel nozzle
- Underwriter's Listed
- automatic shutoff

NPT Inlet	Spout Size	Wt (lbs)	Approx. Flow Rate at 20 PSI (GPM)	Part #
3/4"	13/16"	2½	14	DN7UOBF 1
3/4"	15/16"	21/2	14	DN7LOBF <sup>2</sup>

- gasoline nozzle
- diesel nozzle

# **Fuel Nozzle Cross Reference**

Dixon	M. Carder	OPW	Emco	Husky	Catlow
DN7UOBF	N7UOBF	1AF-40FS	A2501F	XSF-33704	NENLF
DN7LOBF	N7LOBF	11APF-40FS	A2501LF		NELF
DFN100HF	N4-Fuelmaster	7H	A6000	V111-173310	MAX1
DFN100	N3-BigMouth	N/A	N/A	1HS.026810	MAC-1AH

# Dixon High Flow Fuel Nozzle Fueler 100™ Nozzle

## Application:

for fueling trucks, buses, off-road equipment and fuel oil delivery

### Features:

- These nozzles are not to be used with gravity flow tanks.
- machined grooves in the spout are designed to hold nozzle more securely in the fill pipe
- · high flow, heavy duty automatic nozzle

-	NPT Inlet	Spout Size	Wt (lbs)	Approx. Flow Rate at 20 PSI (GPM)	Part #	
	1½"	1-3/8"	6.9	50	DNOG6	
		rebuilt Fu	DNOG6RB	NEW		



# **Dixon Diesel and Gasoline Nozzles Accessories**

# **Single Plane Hose Swivels**

## Features:

- aluminum body
- brass hex nut prevents galling in the nozzle
- Viton® / Buna seals
- nylon cord retainer
- ¾" are Underwriter's Listed

4	20	
	#	3
3		20
		B
-		1
1		1

Size	Part #
3/4" X 3/4"	DAWS34
1" x 1"	DAWS10

# **Breakaways**

## Features:

- aluminum body
- brass break rings (2)
- Buna seals
- · unique ball valves seal both ends when separated
- design provides consistent and reliable performance
- lightweight
- · easy to repair
- 3/4" are Underwriter's Listed

Size	Part #	Separation Force (Lbs)
3/4"	DAB34	325
1"	DAR1	325



# Application:

 Provides breakaway protection for high capacity fueling operations such as truck and bus terminals, mining, off-road fueling and fuel oil delivery.

# Features:

- nickel plated aluminum body
- brass break rings: 4 in 1¼" and 1½"; 6 in the 2"
- Viton® / Buna seals
- check valve PTFE ball seals both ends when separated

Size	Part #	Separation Force (Lbs)
11/4"	DAB14	600
1½"	DAB15	600
2"	DAB2	800



# **Full Flow Ball Valves**

## Features:

- high flow rate, low pressure drop
- wetted parts are aluminum and stainless steel
- seals are FPM (Viton® and PTFE)
- spindle can be disassembled when ball valve is installed
- working pressure: 150 PSI at 70°F
- available in 2", 3" and 4" in standard flow and two-way flow
- standard valve ports female NPT, socket weld for Schedule 40 pipe and grooved
- optional ports include DN flange, butt weld and 150# flange
- two ports one inlet and one outlet

# **One-Way Ball Valves / Female NPT Ends**



0:	Aluminum
Size	Part #
2"	1WAYBV200
3"	1WAYBV300
4"	1WAYBV400

# One-Way Ball Valves / Socket Weld Ends to Schedule 40 Pipe



0:	_	Aluminum
Size	Bore	Part #
2"	2.390"	1WAYBV200SW
3"	3.530"	1WAYBV300SW

# **One-Way Ball Valves / Grooved Ends**



0:	Aluminum
Size	Part #
2"	1WAYBV200VIC
3"	1WAYBV300VIC