

TANK CAR LOADING/ UNLOADING FITTINGS

Part Number Reference Guide



Top Fittings



TOP OF CAR

K Style Cammed Adapter Assemblies

PAGE 05

- 1", 2", 3" and 4" sizes available
- Reducing adapters available
- Available in Stainless Steel or Ductile Iron
- Assemblies include adapter, cap, chain and gaskets



TE Style Threaded Adapter Assemblies

PAGE 06

- 2" and 3" sizes available
- Available in Stainless Steel or Ductile Iron
- 416SS cap to prevent galling
- Assemblies include adapter, cap, chain and gaskets



Bottom Fittings



BOTTOM OF CAR

TE Style Threaded Adapter Assemblies

PAGE 07

- For use with DOT and AAR stenciled cars
- AAR Approved Design
- 3" and 4" sizes available
- Available in Stainless Steel or Ductile Iron
- Reducing flanges available
- Assemblies include adapter, cap, plug, chain and gaskets



TE Style Threaded Outlet Caps

PAGE 08

K Style Cammed Adapter Assemblies

PAGE 09

- For use with AAR stenciled cars
- AAR Approved Design
- 3", 4" and 6" sizes available (6" not on matrix, call for details)
- Available in Stainless Steel or Ductile Iron
- Reducing flanges available
- Assemblies include adapter, cap, plug, chain and gaskets



K Style Cammed Outlet Caps

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TC Style Threaded Adapter Assemblies

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- For use with DOT and AAR stenciled cars
- Designed per AAR MSRP C-III Appendix E Figure E18
- Available in 4"
- Available in Stainless Steel or Ductile Iron
- Reducing Flanges available
- Assemblies include adapter, cap, plug, chain and gaskets



TC Style Threaded Outlet Caps

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Bottom Fittings



BOTTOM OF CAR

TC Style Aluminum Caps

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- Available in 4"
- Made of Aluminum
- Multiple cable and chain combinations available
- Multiple gasket materials available



PBC Style Plastic Belly Caps

PAGE 14

- AAR Approved Design
- Available in 4"
- Made of Nylon material
- Multiple cable and chain combinations available
- Multiple gasket materials available



TC Style Plug and Chain Assemblies

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- 1/4" to 3" sizes available
- Available in Carbon Steel, Nirtronic 60 or Stainless Steel
- Available with or without seal hole
- Chain assembly can be customized to any length



Additional Resources

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- **Salco's Gasket Material Matrix** chart helps you identify, within a Salco part number, the gasket material that is included in some of our assemblies. View the complete chart at: www.salcoproducts.com ►
- Salco Products is actively involved in many AAR task forces that review and write AAR recommended practices. Any component mentioned in this piece which currently holds an **AAR approval number** can be found on our website at: www.salcoproducts.com ►



K Style Cammed Adapter Assemblies



TOP OF CAR

Salco Part Number Breakdown

Example Part Number:	K	20	I	B	C	UMP	2	A
Cammed	K							
Sizes								
1"		10						
2"		20						
3"		30						
4"		40						
Material								
316 Stainless Steel			S					
Ductile Iron			I					
Crossover Arm Material								
Stainless Steel				Blank				
Brass				B				
Arms								
Straight Arms					Blank			
Crossover Arms					C			
Style								
Unloading Male Pipe						UMP		
Cap Gasket Material								
Black Nitrile							1	
FDA White Nitrile							2	
Viton A							6	
See gasket material list for additional materials							*	
Assembly								
								A

TE Style Threaded Adapter Assemblies



TOP OF CAR

Salco Part Number Breakdown

Example Part Number:	TE	3	S416	DC	0	A
Threaded End	TE					
Sizes						
2"		2				
3"		3				
Plug						
Plug			Blank			
No Plug		0				
Material						
416 Stainless Steel			S416			
316 Stainless Steel			S			
Ductile Iron			I			
Pressure Relief						
No Slot Cut in Threads				Blank		
Slot Cut in Threads				DLP		
Dust Cap					DC	
Gasket Material						
No Gasket						0
Black Nitrile						1
White FDA Nitrile						2
Black EPDM						3
Viton A						6
See gasket material list for additional materials						*
Assembly						A

TE Style Threaded Adapter Assemblies



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TE	4X3	S416	S	F	0	1	A
Threaded End	TE							
Sizes								
4"		4						
4" Flange, 3" Cap		4X3						
Cap Material								
416 Stainless Steel			S416					
Nylon			NY					
Plug Material								
Standard Material						Blank		
Nitronic 60						N6		
Flange Material								
316 Stainless Steel				S				
Ductile Iron				I				
BOV Fit Up								
Jamesbury (9" BC)						Blank		
Union Tank (7 3/4" BC)						UT/TU		
Butterfly Valve						W		
Flange					F			
Flange Gasket Material								
No Gasket							0	
Black Nitrile							1	
White FDA Nitrile							2	
Black EPDM							3	
Viton A							6	
See gasket material list for additional materials							*	
Cap Gasket Material								
No Gasket							0	
Black Nitrile							1	
White FDA Nitrile							2	
Black EPDM							3	
Viton A							6	
See gasket material list for additional materials							*	
Assembly								
1" Plug								A
2" Plug								A2

TE Style Threaded Outlet Caps



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TE	4	S416	N6	2	DC	1	A
Threaded End	TE							
Sizes								
3"		3						
4"		4						
Cap Material								
416SS			S416					
Ductile Iron			1					
Plug Material								
Standard Plug					Blank			
Nitronic 60					N6			
Nipple								
No Nipple						Blank		
1" NPT Close Nipple						2		
Dust Cap							DC	
Gasket Material								
No Gasket								0
Black Nitrile								1
White FDA Nitrile								2
Black EPDM								3
Viton A								6
See gasket material list for additional materials								*
Assembly								
1" Plug								A
2" Plug								A2

K Style Cammed Adapter Assemblies



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	K	4	NY	S	N62	CN	C	B	W	F	M	0	1	A
Cammed	K													
Sizes														
3"		3												
4"		4												
Cap Material														
Standard Material			Blank											
Nylon			NY											
Flange Material														
316 Stainless Steel			S											
Ductile Iron			I											
Plug Material														
Standard Material			Blank											
Nitronic 60			N62											
Nipple														
No Nipple			Blank											
Close Nipple			CN											
Arms														
Straight Arms			Blank											
Crossover Arms			C											
Bolt								B						
BOV Fit Up														
Jamesbury (9" BC)			Blank											
Union Tank (7 3/4" BC)			UT/U											
Butterfly Valve			W											
Flange														
Circle Flange			F											
Square Flange			QF											
Chain														
Single Cap Chain			Blank											
Double Cap Chain			M											
Flange Gasket Material														
No Gasket			0											
Black Nitrile			1											
Viton A			6											
See gasket material list for additional materials			*											
Cap Gasket Material														
No Gasket			0											
Black Nitrile			1											
Viton A			6											
See gasket material list for additional materials			*											
Assembly														A

K Style Cammed Outlet Caps



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	K	4	I	N6	2	C	DC	M	1	A
Cammed	K									
Sizes										
2"		2								
3"		3								
4"		4								
Cap Material										
316 Stainless Steel			S							
Ductile Iron			I							
Aluminum			A							
Plug Material										
Standard Material				Blank						
Nitronic 60				N6						
Nipple										
No Nipple					Blank					
1" NPT Close Nipple					2					
Arms										
Straight Arms						Blank				
Crossover Arms						C				
Dust Cap							DC			
Double Chain								M		
Gasket Material										
No Gasket									0	
Black Nitrile									1	
White FDA Nitrile									2	
Black EPDM									3	
Viton A									6	
See gasket material list for additional materials									*	
Assembly										A

TC Style Adapter Assemblies



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TC	4	D	D	UT	1	A
Threaded Cap	TC						
Size		4					
Material							
Stainless Steel				S			
Ductile Iron				D			
Downleg				D			
BOV Fit Up							
Jamesbury (9" BC)					J		
Union Tank (7 3/4" BC)					UT		
Gasket Material							
Black Nitrile						1	
White FDA Nitrile						2	
Black EPDM						3	
Viton A						6	
See gasket material list for additional materials						*	
Assembly							A

TC Style Threaded Outlet Caps



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TC	4	BC	SS	1	A
Threaded Cap	TC					
Size		4				
Belly Cap			BC			
Material						
Stainless Steel				SS		
Ductile Iron				DI		
Gasket Material						
No Gasket					0	
Black Nitrile					1	
White FDA Nitrile					2	
Black EPDM					3	
Viton A					6	
See gasket material list for additional materials					*	
Assembly						A

TC Style Aluminum Outlet Caps



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TC	4	2	BC	AL	1	A
Threaded Cap	TC						
Size		4					
Series							
Cable w/Lock Ring			2				
Chain & S-Hook			3				
Cable, No Hex Protectors or Lock Ring			4				
Shorter Cable, No Hex Protectors or Lock Ring			5				
Chain & S-Hook, CS Plug			6				
Cable w/Lock Ring, No Hex Protectors			7				
Belly Cap				BC			
Material							
Aluminum					AL		
Gasket Material							
No Gasket						Blank	
Black Nitrile						1	
White FDA Nitrile						2	
Black EPDM						3	
Viton A						6	
See gasket material list for additional materials						*	
Assembly							A

PBC Style Plastic Belly Caps



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	PBC	4	2	01	A
Plastic Belly Cap	PBC				
Size		4			
Series					
Cable, No Lock Ring				0	
SS Chain & Lock Ring				1	
Cable w/Lock Ring				2	
CS Chain & Lock Ring				3	
Gasket Material					
No Gasket				Blank	
Black Nitrile				01	
White FDA Nitrile				02	
Black EPDM (Sulfur Cured)				03	
Black Butyl				11	
Black EPDM (Peroxide Cured)				29	
See gasket material list for additional materials				**	
Assembly					A

TC Style Plug and Chain Assemblies



BOTTOM OF CAR

Salco Part Number Breakdown

Example Part Number:	TC	1	N60	P1A	H
Tank Car	TC				
Sizes					
1/4"		025			
1/2"		050			
3/4"		075			
1"		1			
2"		2			
2 1/2"		25			
3"		3			
Plug Material					
Carbon Steel				CS	
Nitronic 60			N60		
316 Stainless Steel			4		
416 Stainless Steel			6		
316 Stainless Steel (*1" Plugs Only)			316		
416 Stainless Steel (*1" Plugs Only)			416		
Chain Material					
Carbon Steel				P1A	
Stainless Steel (*Nitronic Plugs Only)				P3A	
Seal Hole					
No Hole					Blank
Hole					H



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