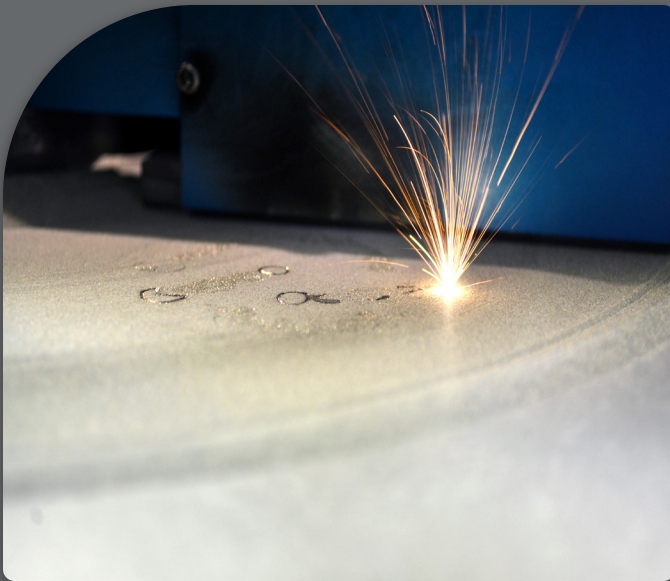




Catalog 2020

Leader in Hose Couplings and Accessories since 1914



Terms of Sale & Safety Information

Terms of Sale:

- **Terms:** Net 30 Days
- **Cash Discounts:** Invoices are subject to a 1% discount if paid within 15 days of the Invoice Date.
- **Prepaid Freight:** All shipments are F.O.B. NECO (College Station, TX). Orders that total \$2000.00 Net Value or more within the continental United States will be shipped freight free. Any backordered items on these orders will also be shipped prepaid as they become in stock. Method of prepaid shipment will be chosen by NECO. **Shipments will be shipped freight pre-paid only to those customers with an established line of credit, C.O.D. shipments are shipped freight collect.
- **Minimum Order Amount:** \$15.00
- **Claims:** Claims must be made within 3 days after receipt of goods. Claims involving damaged pallets require photos.
- **Returns:** Items shipped as ordered & without defects may be returned within 1 year of Invoice Date. A Credit Note will be applied towards the customer account and will be subject to a 15% restocking fee.
- **Quotes:** Quotes are valid for 2 weeks.
- **Preferred Ship Dates:** Customer can delay shipment by up to 2 weeks from the order date.
- **Pricing Policy:** All prices are subject to change without notice.
- **Warranty:** NECO Products are guaranteed against defects in materials and workmanship only. NECO's liability is limited to replacement of goods only and has no liability for labor charges or consequential damage resulting from purchase, installation or use of its' products.

Hose Coupling Safety:

- **Air, Steam, and Gas Couplings** are some of the most dangerous hose coupling connections. They can separate with explosive force and cause serious injuries or death. Use hose retaining devices. Check connections regularly. Do not use universal Air Hose couplings for steam service. The use of Safety Cables is recommended for all pressurized hose connections.
- **Camlock Couplings** conveying bulk products with compressed air/gas create a hazardous condition. The hose tends to whip or buck as material moves through the hose. This snapping motion of the hose puts added stress on the fittings and increases the possibility of failure. Tie off the hose ends to protect against accidental separation of the lines and to prevent whipping or bucking of the hose. The use of Safety Cables is recommended for all pressurized hose connections.
- **Blast Couplings** conveying silica sand create a hazardous condition. Silica sand creates silica dust which can cause respiratory diseases. Operators must follow the Media-Blasting Machine Manufacturer's and OSHA safety guidelines when working with silica sand.
- **Fluid Hose Couplings** frequently convey petroleum products or other hazardous liquids. Special caution should be exercised because of the potential hazards inherent with the product being conveyed.
- **All Hose Assemblies** are potential hazards. Do not stand or position yourself where you are subject to hazards from accidental pressure releases.

General Safety:

- Be aware of how much pressure the hose assembly will be subjected to and do not exceed the manufacturer's recommended pressure ratings.
- Match product to be conveyed with the proper hose and couplings.
- Pressure test the hose assembly prior to application to ensure tight and leak-free assembly of hose, coupling and clamps.
- Check couplings, and hose clamps regularly and tighten or replace them if necessary.
- Worn out couplings and component parts should be replaced promptly.
- Use retaining devices such as safety cables, chains, or clips to prevent accidental separation.
- All hose assemblies should be treated as potential hazards.



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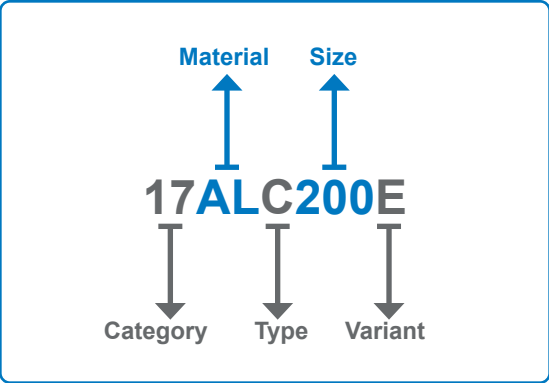
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Camlock Fittings

Cam and Groove Identification

Under no circumstances should cam and groove couplings be used for compressed air or steam service.

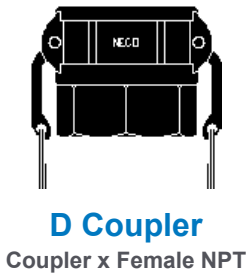
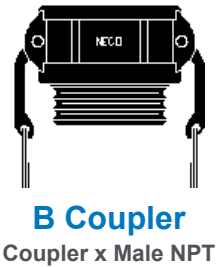
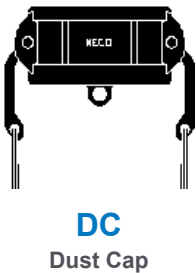
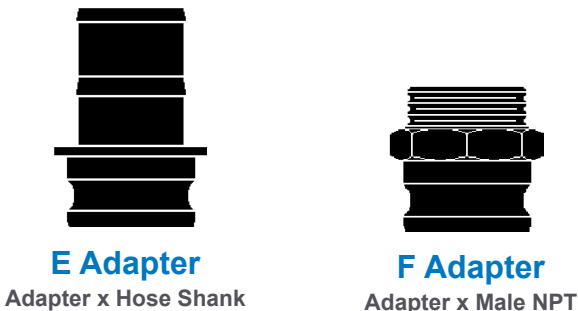
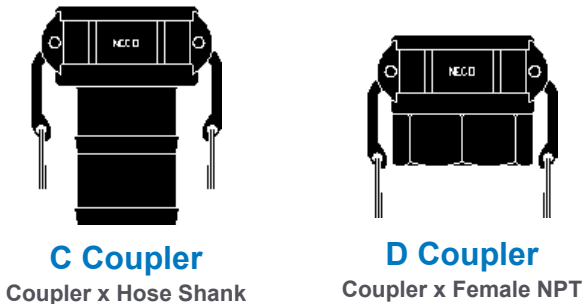
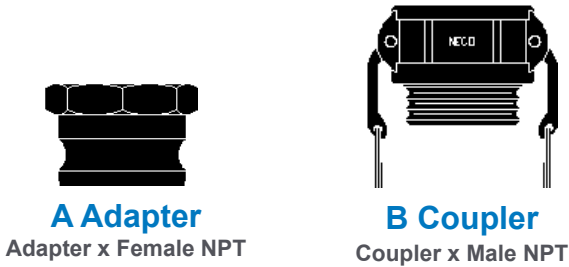


Category	Description
12	Camlock Fitting (Specialty)
17	Camlock Fitting
41	Camlock Fitting (Plastics)

Material	Description
AL	Aluminum
BR	Brass
DP	Plated Ductile Iron
PG	Polyglass
SS	Stainless Steel

Types	Description
A, B, C, D, E, F, DC, DP	Standard
AR, BR, CR, DR, ER, FR, DA	Reducer
AA, DD	Spool
FLA, TTA, TTC	Flange
AW--, BW--, DW--	Weld
DCL	Padlock Dust Cap
DCV	Vented Dust Cap
DPV	Vented Dust Plug

Variant	Description
E	Economy
HW	Heavy Wall
DBL	Double Lock
HC	Hard Coat
SS	SS Handles (on AL Camlocks)
L	Long (DA)
LT	Long w/Port for attachment (DA)
S	Short (DA)



Economy

Features:

- Aluminum Fittings are Gravity Cast Aluminum A356 T6 & A380
- Brass Fittings are Heavy Wall Cast Brass
- Stainless Steel Fittings are 316 Stainless Steel Investment Cast
- Ductile Iron Fittings are Investment Cast Zinc Plated Ductile Iron
- Polyglass Fittings are Injection Mold Glass Filled Polypropylene
- 8" Couplings** - No Mil-Spec Standard exists for 8" Fittings, generally though if the machined diameter of the adapter is larger than 9" OD then your current couplings will interchange with our 8" couplings. If the diameter is less than 9" OD then you currently using a different style of 8" Coupling.



Heavy Wall

Features:

- Aluminum Fittings are Gravity Cast Aluminum A356 T6
- Stainless Steel Fittings are Investment Cast 316 Stainless Steel
- Heavy Wall Fittings have thicker walls resulting in higher pressure ratings for the 3" & 4".
- Dust Caps & Dust Plugs are built with tabs for extra heavy chains
- Type C Couplers have Multi-Barb shank with crimp ring
- Type E Adapters have Multi-Barb shank with crimp ring
- Aluminum Couplers are supplied w/ Brass Paddle Handles
- Stainless Steel Couplers are supplied w/ Stainless Steel Handles



Double Lok

Features:

- Double Lok handles change Standard Heavy Wall Couplings into Passive Locking Couplings
- Double Lok handles automatically lock when moved into the closed position
- Double Lok Handles use only Heavy Wall Couplings as the basis for the coupling



Specialty

We offer the following specialty couplings:

- Reducing Adapters : A Adapter, E Adapter, and F Adapter
- Reducing Couplers : C Coupler, D Coupler, and DA
- Spools : AA Adapter and DD Coupler
- Flange : A Adapter x ASA, A Adapter x TTMA, and C Coupler x TTMA
- Welding Adapters : Socket Weld to Pipe / Tubing, and Butt Weld to Pipe / Tubing
- Welding Couplers : Socket Weld to Pipe / Tubing, and Butt Weld to Pipe / Tubing
- Hard Coat 356 AL : A Adapter
- Lockable Dust Caps : In 356T6 Aluminum & 316 Stainless Steel
- Vented Dust Plugs : In 316 Stainless Steel
- Vented Dust Caps : In 316 Stainless Steel
- We also offer our Economy Couplers & Dust Caps with Stainless Steel Handles



A Adapter (Economy)

Adapter x Female NPT



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1⁄2”	---	---	17SSA050E	---	---
3⁄4”	17ALA075E	17BRA075E	17SSA075E	---	41PGA075E
1”	17ALA100E	17BRA100E	17SSA100E	---	41PGA100E
1¼”	17ALA125E	17BRA125E	17SSA125E	17DPA125E	41PGA125E
1½”	17ALA150E	17BRA150E	17SSA150E	17DPA150E	41PGA150E
2”	17ALA200E	17BRA200E	17SSA200E	17DPA200E	41PGA200E
2½”	17ALA250E	17BRA250E	17SSA250E	---	---
3”	17ALA300E	17BRA300E	17SSA300E	17DPA300E	41PGA300E
4”	17ALA400E	17BRA400E	17SSA400E	17DPA400E	41PGA400E
5”	17ALA500E	17BRA500E	17SSA500E	---	---
6”	17ALA600E	17BRA600E	17SSA600E	17DPA600E	---
8”	17ALA800E	---	---	---	---

B Coupler (Economy)

Coupler x Male NPT

- Aluminum & Brass come with Brass Handles | Stainless Steel, Ductile Iron, & Polyglass come with Stainless Steel Handles
- Metal Fittings are supplied with Buna-N Gaskets | Polyglass are supplied with EPDM Gaskets



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1⁄2”	---	---	17SSB050E	---	---
3⁄4”	17ALB075E	17BRB075E	17SSB075E	---	41PGB075E
1”	17ALB100E	17BRB100E	17SSB100E	---	41PGB100E
1¼”	17ALB125E	17BRB125E	17SSB125E	---	41PGB125E
1½”	17ALB150E	17BRB150E	17SSB150E	17DPB150E	41PGB150E
2”	17ALB200E	17BRB200E	17SSB200E	17DPB200E	41PGB200E
2½”	17ALB250E	17BRB250E	17SSB250E	---	---
3”	17ALB300E	17BRE300E	17SSB300E	17DPB300E	41PGB300E
4”	17ALB400E	17BRB400E	17SSB400E	17DPB400E	41PGB400E
5”	17ALB500E	17BRB500E	---	---	---
6”	17ALB600E	17BRB600E	17SSB600E	17DPB600E	---

C Coupler (Economy)

Coupler x Hose Shank

- Aluminum & Brass come with Brass Handles | Stainless Steel, Ductile Iron, & Polyglass come with Stainless Steel Handles
- Metal Fittings are supplied with Buna-N Gaskets | Polyglass are supplied with EPDM Gaskets



Size	356T6 Aluminum ¹	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1⁄2”	---	---	17SSC050E	---	---
3⁄4”	17ALC075E	17BRC075E	17SSC075E	---	41PGC075E
1”	17ALC100E	17BRC100E	17SSC100E	---	41PGC100E
1¼”	17ALC125E	17BRC125E	17SSC125E	---	41PGC125E
1½”	17ALC150E	17BRC150E	17SSC150E	17DPC150E	41PGC150E
2”	17ALC200E	17BRC200E	17SSC200E	17DPC200E	41PGC200E
2½”	17ALC250E	17BRC250E	17SSC250E	---	---
3”	17ALC300E	17BRC300E	17SSC300E	17DPC300E	41PGC300E
4”	17ALC400E	17BRC400E	17SSC400E	17DPC400E	41PGC400E
5”	17ALC500E	17BRC500E	---	---	---
6”	17ALC600E	17BRC600E	17SSC600E	17DPC600E	---
8”	17ALC800E	---	---	---	---

¹ Aluminum C Coupler 3" & 4" are A380

D Coupler (Economy)

Coupler x Female NPT

- Aluminum & Brass come with Brass Handles | Stainless Steel, Ductile Iron, & Polyglass come with Stainless Steel Handles
- Metal Fittings are supplied with Buna-N Gaskets | Polyglass are supplied with EPDM Gaskets



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1⁄2”	---	---	17SSD050E	---	---
3⁄4”	17ALD075E	17BRD075E	17SSD075E	---	41PGD075E
1”	17ALD100E	17BRD100E	17SSD100E	---	41PGD100E
1¼”	17ALD125E	17BRD125E	17SSD125E	17DPD125E	41PGD125E
1½”	17ALD150E	17BRD150E	17SSD150E	17DPD150E	41PGD150E
2”	17ALD200E	17BRD200E	17SSD200E	17DPD200E	41PGD200E
2½”	17ALD250E	17BRD250E	17SSD250E	---	---
3”	17ALD300E	17BRD300E	17SSD300E	17DPD300E	41PGD300E
4”	17ALD400E	17BRD400E	17SSD400E	17DPD400E	41PGD400E
5”	17ALD500E	17BRD500E	17SSD500E	---	---
6”	17ALD600E	17BRD600E	17SSD600E	17DPD600E	---
8”	17ALD800E	---	---	---	---

E Adapter (Economy)

Adapter x Hose Shank



Size	356T6 Aluminum ¹	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1/2"	---	---	17SSE050E	---	---
3/4"	17ALE075E	17BRE075E	17SSE075E	---	41PGE075E
1"	17ALE100E	17BRE100E	17SSE100E	---	41PGE100E
1 1/4"	17ALE125E	17BRE125E	17SSE125E	---	41PGE125E
1 1/2"	17ALE150E	17BRE150E	17SSE150E	17DPE150E	41PGE150E
2"	17ALE200E	17BRE200E	17SSE200E	17DPE200E	41PGE200E
2 1/2"	17ALE250E	17BRE250E	17SSE250E	---	---
3"	17ALE300E	17BRE300E	17SSE300E	17DPE300E	41PGE300E
4"	17ALE400E	17BRE400E	17SSE400E	17DPE400E	41PGE400E
5"	17ALE500E	17BRE500E	---	---	---
6"	17ALE600E	17BRE600E	17SSE600E	17DPE600E	---
8"	17ALE800E	---	---	---	---

¹ Aluminum E Adapters 3" & 4" are A380

F Adapter (Economy)

Adapter x Male NPT



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1/2"	---	---	17SSF050E	---	---
3/4"	17ALF075E	17BRF075E	17SSF075E	---	41PGF075E
1"	17ALF100E	17BRF100E	17SSF100E	---	41PGF100E
1 1/4"	17ALF125E	17BRF125E	17SSF125E	---	41PGF125E
1 1/2"	17ALF150E	17BRF150E	17SSF150E	17DPF150E	41PGF150E
2"	17ALF200E	17BRF200E	17SSF200E	17DPF200E	41PGF200E
2 1/2"	17ALF250E	17BRF250E	17SSF250E	---	---
3"	17ALF300E	17BRF300E	17SSF300E	17DPF300E	41PGF300E
4"	17ALF400E	17BRF400E	17SSF400E	17DPF400E	41PGF400E
5"	17ALF500E	17BRF500E	---	---	---
6"	17ALF600E	17BRF600E	17SSF600E	17DPF600E	---
8"	17ALF800E	---	---	---	---

Dust Cap (Economy)

Dust Cap

- Aluminum & Brass come with Brass Handles | Stainless Steel, Ductile Iron, & Polyglass come with Stainless Steel Handles
- Metal Fittings are supplied with Buna-N Gaskets | Polyglass are supplied with EPDM Gaskets
- Aluminum & Brass have Extra Heavy Chain Tabs.



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1/2"	---	---	17SSDC050E	---	---
3/4"	17ALDC075E	17BRDC075E	17SSDC075E	---	41PGDC075E
1"	17ALDC100E	17BRDC100E	17SSDC100E	---	41PGDC100E
1 1/4"	17ALDC125E	17BRDC125E	17SSDC125E	---	41PGDC125E
1 1/2"	17ALDC150E	17BRDC150E	17SSDC150E	17DPDC150E	41PGDC150E
2"	17ALDC200E	17BRDC200E	17SSDC200E	17DPDC200E	41PGDC200E
2 1/2"	17ALDC250E	17BRDC250E	17SSDC250E	---	---
3"	17ALDC300E	17BRDC300E	17SSDC300E	17DPDC300E	41PGDC300E
4"	17ALDC400E	17BRDC400E	17SSDC400E	17DPDC400E	41PGDC400E
5"	17ALDC500E	17BRDC500E	---	---	---
6"	17ALDC600E	17BRDC600E	17SSDC600E	17DPDC600E	---
8"	17ALDC800E	---	---	---	---

Dust Plug (Economy)

Dust Plug

- Aluminum & Brass have Extra Heavy Chain Tabs.



Size	356T6 Aluminum	Brass	316 Stainless Steel	Ductile Iron	Polyglass
1/2"	---	---	17SSDP050E	---	---
3/4"	17ALDP075E	17BRDP075E	17SSDP075E	---	41PGDP075E
1"	17ALDP100E	17BRDP100E	17SSDP100E	---	41PGDP100E
1 1/4"	17ALDP125E	17BRDP125E	17SSDP125E	---	41PGDP125E
1 1/2"	17ALDP150E	17BRDP150E	17SSDP150E	17DPDP150E	41PGDP150E
2"	17ALDP200E	17BRDP200E	17SSDP200E	17DPDP200E	41PGDP200E
2 1/2"	17ALDP250E	17BRDP250E	17SSDP250E	---	---
3"	17ALDP300E	17BRDP300E	17SSDP300E	17DPDP300E	41PGDP300E
4"	17ALDP400E	17BRDP400E	17SSDP400E	17DPDP400E	41PGDP400E
5"	17ALDP500E	17BRDP500E	---	---	---
6"	17ALDP600E	17BRDP600E	17SSDP600E	17DPDP600E	---
8"	17ALDP800E	---	---	---	---

Camlock Fittings - Heavy Wall

Heavy Wall Fittings

- Aluminum Heavy Wall are Gravity Cast A356 T6 (heat-treated)
- Stainless Steel Fittings are Investment Cast 316 Stainless Steel
- Heavy Wall Fittings have higher pressure ratings for the 3" & 4".
- Dust Caps & Dust Plugs are built with tabs for extra heavy chains
- Type C Couplers have Multi-Barb shank with crimp ring
- Type E Adapters have Multi-Barb shank with crimp ring
- Aluminum Couplers are supplied w/ Brass Paddle Handles
- Stainless Steel Couplers are supplied w/ Stainless Steel Handles

Double Lok Fittings

- Double Lok changes Standard HW Couplings into Passive Locking.
- Automatically lock when moved into the closed position.
- Double Lok Handles only use Heavy Wall Couplings.



A Adapter (Heavy Wall)

Adapter x Female NPT

Size	356T6 Aluminum
1½"	---
2"	---
2½'	---
3"	17ALA300HW
4"	---



D Coupler (Heavy Wall)

Coupler x Female NPT

- Aluminum are supplied /w Brass Paddle Handles.
- Stainless Steel are supplied /w Stainless Steel Handles.
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1½"	---	17SSD150HW
2"	17ALD200HW	17SSD200HW
2½'	---	17SSD250HW
3"	17ALD300HW	17SSD300HW
4"	17ALD400HW	17SSD400HW



E Adapter (Heavy Wall)

Adapter x Hose Shank

- Multi-barb shank with crimp ring.
- Aluminum is Machine Hose Shanked

Size	356T6 Aluminum	316 Stainless Steel
1½"	---	---
2"	17ALE200HW	17SSE200HW
2½'	---	---
3"	17ALE300HW	17SSE300HW
4"	17ALE400HW	17SSE400HW



B Coupler (Heavy Wall)

Coupler x Male NPT

- Stainless Steel are supplied /w Stainless Steel Handles.
- Supplied with Buna-N gasket.

Size	316 Stainless Steel
1½"	17SSB150HW
2"	17SSB200HW
2½'	---
3"	17SSB300HW
4"	17SSB400HW



C Coupler (Heavy Wall)

Coupler x Hose Shank

- Aluminum are supplied /w Brass Paddle Handles.
- Stainless Steel are supplied /w Stainless Steel Handles.
- Multi-barb shank with crimp ring.
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1½"	---	17SSC150HW
2"	17ALC200HW	17SSC200HW
2½'	---	---
3"	17ALC300HW	17SSC300HW
4"	17ALC400HW	17SSC400HW



Dust Cap (Heavy Wall)

Dust Cap

- Aluminum are supplied /w Brass Paddle Handles.
- Stainless Steel are supplied /w Stainless Steel Handles.
- Extra Heavy Chain Tab
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1½"	---	17SSDC150HW
2"	17ALDC200HW	17SSDC200HW
2½'	---	---
3"	17ALDC300HW	17SSDC300HW
4"	17ALDC400HW	17SSDC400HW



Dust Plug (Heavy Wall)

- Extra Heavy Chain Tab

Size	356T6 Aluminum
4"	17ALDP400HW



DD Spool (Heavy Wall)

- Stainless Steel are supplied /w Stainless Steel Handles.
- Supplied with Buna-N gasket.

Size	316 Stainless Steel
2" x 2"	12SSDD2020HW
3" x 3"	12SSDD3030HW

Camlock Fittings - Double Lok



B Coupler (Double Lok)

Coupler x Male NPT

- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.
- Supplied with Buna-N gasket.

Size	316 Stainless Steel
1"	17SSB100DBL
1½"	17SSB150DBL
2"	17SSB200DBL
3"	17SSB300DBL
4"	17SSB400DBL



C Coupler (Double Lok)

Coupler x Hose Shank

- Multi-barb shank with crimp ring.
- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1"	---	17SSC100DBL
1¼"	---	17SSC125DBL
1½"	---	17SSC150DBL
2"	17ALC200DBL	17SSC200DBL
3"	17ALC300DBL	17SSC300DBL
4"	17ALC400DBL	17SSC400DBL



D Coupler (Double Lok)

Coupler x Female NPT

- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1	---	17SSD100DBL
1½"	---	17SSD150DBL
2"	17ALD200DBL	17SSD200DBL
2½"	---	17SSD250DBL
3"	17ALD300DBL	17SSD300DBL
4"	17ALD400DBL	17SSD400DBL



Dust Cap (Double Lok)

Dust Cap

- Extra Heavy Chain Tab
- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.
- Supplied with Buna-N gasket.

Size	356T6 Aluminum	316 Stainless Steel
1"	---	17SSDC100DBL
1½"	---	17SSDC150DBL
2"	17ALDC200DBL	17SSDC200DBL
3"	17ALDC300DBL	17SSDC300DBL
4"	17ALDC400DBL	17SSDC400DBL



DD Spool (Double Lok)

Coupler x Coupler

- Supplied with Buna-N gasket.
- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.

Size	316 Stainless Steel
2" x 2"	12SSDD2020DBL
3" x 3"	12SSDD3030DBL



DA Reducer (Double Lok)

Coupler x Adapter

- Supplied with Buna-N gasket.
- Patented Double-Lok Stainless Steel Handles for automatic locking of handles when moved to the closed position.
- DA Long has a raised pad for nipple attachment (up to 1/2" Female NPT hole can be drilled & tapped)

Size	316 Stainless Steel	356T6 Aluminum
3" x 2" (Long)	12SSDA3020LDBL	---
3" x 2" (Long w/ Port)	12SSDA3020LTDBL	---
3" x 2" (Short)	12SSDA3020SDBL	---
4" x 3" 45° Elbow (w/Port)	---	12ALDA403045DBL

Camlock Fittings - Reducers



A Adapter (Reducer)

Adapter x Female NPT

- The first is the the Adapter, the second size is the Hose or Pipe.

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSAR075050E
2" x 1½"	12ALAR2015E	---
2" x 3"	12ALAR2030E	---
3" x 2"	12ALAR3020E	---
3" x 4"	12ALAR3040E	12SSAR3040E
4" x 3"	12ALAR4030E	---
4" x 6"	12ALAR4060E	---



E Adapter (Reducer)

Adapter x Hose Shank

- The first is the the Adapter, the second size is the Hose or Pipe.

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSER075050E
2" x 1½"	12ALER2015E	---
2" x 3"	12ALER2030E	---
3" x 2"	12ALER3020E	---
3" x 2½"	---	12SSER3025HW
3" x 4"	12ALER3040E	---
4" x 2"	12ALER4020E	---
4" x 3"	12ALER4030E	---



B Coupler (Reducer)

Coupler x Male NPT

- Supplied with Brass Handles.
- Supplied with Buna-N gasket.
- The first size is the Coupler, the second size is the Hose or Pipe.

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSBR075050E
1½" x 1"	12ALBR1510E	---
2" x 1½"	12ALBR2015E	---
3" x 2"	12ALBR3020E	---
3" x 4"	12ALBR3040E	---
4" x 3"	12ALBR4030E	---



F Adapter (Reducer)

Adapter x Male NPT

- The first is the the Adapter, the second size is the Hose or Pipe.

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSFR075050E
2" x 1½"	12ALFR2015E	---
2" x 3"	12ALFR2030E	---
3" x 1½"	12ALFR3015E	---
3" x 2"	12ALFR3020E	---
3" x 4"	12ALFR3040E	---
4" x 3"	12ALFR4030E	---
4" x 6"	12ALFR4060E	---



C Coupler (Reducer)

Coupler x Hose Shank

- Aluminum are supplied /w Brass handles | Stainless Steel are supplied /w Stainless Steel handles.
- Supplied with Buna-N gasket.
- The first size is the Coupler, the second size is the Hose or Pipe.
- Vapor Recovery are Coupler w/Probe x Hose Shank

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSCR075050E
2" x 1½"	12ALCR2015E	---
3" x 2"	12ALCR3020E	---
3" x 2½"	---	12SSCR3025E 12SSCR3025HW 12SSCR3025DBL
3" x 4"	12ALCR3040E	---
4" x 3"	12ALCR4030E	---
4" X 3" (Vapor Recovery)	12ALVRCR4030	---



DA (Reducer)

Coupler x Adapter

- Aluminum are supplied /w Brass handles | Stainless Steel are supplied /w Stainless Steel handles.
- Supplied with Buna-N gasket.
- DA Long has a raised pad for nipple attachment (up to 1/2" Female NPT hole can be drilled & tapped)

Size	356T6 Aluminum	316 Stainless Steel	Ductile Iron
1½" x 1"	12ALDA1510E	---	---
1½" x 2"	12ALDA1520E	---	---
2" x 1½"	12ALDA2015E	---	---
2" x 3"	12ALDA2030E	---	---
2" x 4"	12ALDA2040E	---	---
3" x 1½"	12ALDA3015E	---	---
3" x 2"	12ALDA3020E	---	12DPDA3020E
3" x 2" (Long)	---	12SSDA3020LE	---
3" x 2" (Long) (Heavy Wall)	---	12SSDA3020LHW	---
3" x 2" (Long w/Port) (Heavy Wall)	---	12SSDA3020LTHW	---
3" x 4"	12ALDA3040E	---	---
4" x 2"	12ALDA4020E	---	---
4" x 3"	12ALDA4030E	---	12DPDA4030E
4" x 6"	12ALDA4060E	---	---
6" x 4" (Long)	12ALDA6040LE	---	---
6" x 4" (Short)	12ALDA6040SE	---	---
6" x 4"	---	---	12DPDA6040E
8" x 6"	12ALDA8060E	---	---



D Coupler (Reducer)

Coupler x Female NPT

- Supplied with Brass Handles.
- Supplied with Buna-N gasket.
- The first size is the Coupler, the second size is the Hose or Pipe.
- Vapor Recovery are Coupler w/Probe x Female NPT

Size	356T6 Aluminum	316 Stainless Steel
¾" x ½"	---	12SSDR075050E
1½" x 1"	12ALDR1510E	---
2" x 1½"	12ALDR2015E	---
3" x 2"	12ALDR3020E	---
4" x 3"	12ALDR4030E	---
4" x 3" (Vapor Recovery)	12ALVRDR4030E	---



Spool Adapters (AA)
Adapter x Adapter

Size	356T6 Aluminum	316 Stainless Steel
1" x 1"	12ALAA1010E	12SSAA1010E
1½" x 1½"	12ALAA1515E	12SSAA1515E
1½" x 2"	12ALAA1520E	---
2" x 2"	12ALAA2020E	12SSAA2020E
2" x 3"	12ALAA2030E	12SSAA2030E
3" x 3"	12ALAA3030E	12SSAA3030E
3" x 4"	12ALAA3040E	12SSAA3040E
4" x 4"	12ALAA4040E	12SSAA4040E
4" x 6"	12ALAA4060E	---
6" x 6"	12ALAA6060E	---



A Adapter x Pipe (Flange)
Adapter x 150# ASA Pipe Flange

- Aluminum flanges are flat-faced.
- Stainless Steel flanges are raised-faced.
- Interchangeable with all major brands.

Size	356T6 Aluminum	316 Stainless Steel
2" on 6"	12ALFLA200E	12SSFLA200E
3" on 7½"	12ALFLA300E	12SSFLA300E
4" on 9"	12ALFLA400E	12SSFLA400E
6" on 11"	12ALFLA600E	12SSFLA600E



Spool Couplers (DD)
Coupler x Coupler

Size	356T6 Aluminum	316 Stainless Steel
1½" x 1½"	12ALDD1515E	---
2" x 2"	12ALDD2020E	12SSDD2020E
2" x 3"	12ALDD2030E	12SSDD2030E
3" x 3"	12ALDD3030E	12SSDD3030E
3" x 4"	12ALDD3040E	---
4" x 4"	12ALDD4040E	---



A Adapter x Truck (Flange)
Adapter x TTMA Truck Flange

- Machined to Tank Truck Mfg Association Specs.
- Interchangeable with all major brands.

Size	356T6 Aluminum
4" on 6.63"	12ALTTA400E



C Coupler x Truck (Flange)
Coupler x TTMA Truck Flange

- Machined to Tank Truck Mfg Association Specs.
- Interchangeable with all major brands.

Size	356T6 Aluminum
4" on 6.63"	12ALTTC400E

Camlock Fittings - Weld Fittings



Adapter x Socket Weld (Pipe)
Adapter x Socket Weld for Pipe

Size	Pipe OD	356T6 Aluminum	316 Stainless Steel
1"	1.32"	12ALAWPS100E	12SSAWPS100HW
1½"	1.90"	12ALAWPS150E	12SSAWPS150E
2"	2.38"	12ALAWPS200E	12SSAWPS200E
2½"	2.88"	12ALAWPS250E	12SSAWPS250E
3"	3.50"	12ALAWPS300E	12SSAWPS300E
4"	4.50"	12ALAWPS400E	12SSAWPS400E
5"	5.56"	12ALAWPS500E	12SSAWPS500E
6"	6.63"	12ALAWPS600E	12SSAWPS600E
8"	8.63"	12ALAWPS800E	---



Adapter x Butt Weld (Pipe)
Adapter x Butt Weld for Pipe

Size	Pipe OD	356T6 Aluminum	316 Stainless Steel
2"	2.38"	12ALAWPB200E	12SSAWPB200HW
3"	3.50"	12ALAWPB300E	12SSAWPB300HW
4"	4.50"	12ALAWPB400E	12SSAWPB400HW
6"	6.63"	12ALAWPB600E	12SSAWPB600HW



Adapter x Socket Weld (Tubing)
Adapter x Socket Weld for Tubing

Size	Tube OD	356T6 Aluminum	316 Stainless Steel
2"	2.00"	12ALAWTS200E	12SSAWTS200HW
3"	3.00"	12ALAWTS300E	12SSAWTS300HW
4"	4.00"	12ALAWTS400E	12SSAWTS400HW
6"	6.00"	12ALAWTS600E	12SSAWTS600HW



Adapter x Butt Weld (Tubing)
Adapter x Butt Weld for Tubing

Size	Tube OD	316 Stainless Steel
3"	3.00"	12SSAWTB300E



Coupler x Socket Weld (Pipe)
Coupler x Socket Weld for Pipe

Size	Pipe OD	356T6 Aluminum	316 Stainless Steel
1"	1.32"	12ALDWPS100E	12SSDWPS100E
1½"	1.90"	12ALDWPS150E	12SSDWPS150HW 12SSDWPS150DBL
2"	2.38"	12ALDWPS200E	12SSDWPS200HW 12SSDWPS200DBL
2½"	2.88"	12ALDWPS250E	12SSDWPS250E
3"	3.50"	12ALDWPS300E	12SSDWPS300HW 12SSDWPS300DBL
4"	4.50"	12ALDWPS400E	12SSDWPS400HW 12SSDWPS400DBL
5"	5.56"	12ALDWPS500E	12SSDWPS500E
6"	6.63"	12ALDWPS600E	12SSDWPS600E
8"	8.63"	12ALDWPS800E	---



Coupler x Butt Weld (Pipe)
Coupler x Butt Weld for Pipe

Size	Pipe OD	356T6 Aluminum	316 Stainless Steel
2"	2.38"	12ALBWPB200E	12SSBWPB200E
3"	3.50"	12ALBWPB300E	12SSBWPB300HW 12SSBWPB300DBL
4"	4.50"	12ALBWPB400E	12SSBWPB400HW 12SSBWPB400DBL
6"	6.63"	12ALBWPB600E	12SSBWPB600E



Coupler x Socket Weld (Tubing)
Coupler x Socket Weld for Tubing

Size	Tube OD	356T6 Aluminum	316 Stainless Steel
2"	2.00"	12ALBWTS200E	12SSBWTS200E
3"	3.00"	12ALBWTS300E	12SSBWTS300HW 12SSBWTS300DBL
4"	4.00"	12ALBWTS400E	12SSBWTS400HW 12SSBWTS400DBL
6"	6.00"	12ALBWTS600E	12SSBWTS600E



Coupler x Butt Weld (Tubing)
Coupler x Butt Weld for Tubing

Size	Tube OD	316 Stainless Steel
3"	3.00"	12SSBWTB300HW 12SSBWTB300DBL



B Coupler (w/ SS Handles)

Coupler x Male NPT

- Body is Identical to Aluminum B Coupler Economy.
- Supplied with Buna-N Gasket.
- Equipped with Stainless Steel Handles.

Size	356T6 Aluminum
1”	17ALB100ESS
1¼”	17ALB125ESS
1½”	17ALB150ESS
2”	17ALB200ESS
3”	17ALB300ESS
4”	17ALB400ESS
6”	17ALB600ESS



C Coupler (w/ SS Handles)

Coupler x Hose Shank

- Body is Identical to Aluminum C Coupler Economy.
- Supplied with Buna-N Gasket.
- Equipped with Stainless Steel Handles.

Size	356T6 Aluminum
1”	17ALC100ESS
1¼”	17ALC125ESS
1½”	17ALC150ESS
2”	17ALC200ESS
2½”	17ALC250ESS
3”	17ALC300ESS
4”	17ALC400ESS
6”	17ALC600ESS



A Adapter Hard Coat

Adapter x Female NPT

- Body is identical to Aluminum A Heavy Wall

Size	356T6 Aluminum
2”	17ALA200HC
3”	17ALA300HC
4”	17ALA400HC



D Coupler (w/ SS Handles)

Coupler x Female NPT

- Body is Identical to Aluminum D Coupler Economy.
- Supplied with Buna-N Gasket.
- Equipped with Stainless Steel Handles.

Size	356T6 Aluminum
1”	17ALD100ESS
1¼”	17ALD125ESS
1½”	17ALD150ESS
2”	17ALD200ESS
3”	17ALD300ESS
4”	17ALD400ESS
6”	17ALD600ESS



Dust Cap (w/ SS Handles)

Dust Cap

- Body is Identical to Aluminum Dust Cap Economy.
- Supplied with Buna-N Gasket.
- Equipped with Stainless Steel Handles.

Size	356T6 Aluminum
1”	17ALDC100ESS
1¼”	17ALDC125ESS
1½”	17ALDC150ESS
2”	17ALDC200ESS
2½”	17ALDC250ESS
3”	17ALDC300ESS
4”	17ALDC400ESS
6”	17ALDC600ESS



A Adapter (BSPP)

Adapter x Female BSPP

- Female BSPP thread connects with a BSPT Male Thread

Size	316 Stainless Steel
3”	17SSA300BSPP



D Coupler (BSPP)

Coupler x Female BSPP

- Female BSPP thread connects with a BSPT Male Thread

Size	316 Stainless Steel
1½”	17SSD150BSPP



Lockable Dust Cap (Economy)

Dust Cap

- Locking Dust Caps have Stainless Steel handles that cross over the top.
- The holes align so that they can be locked with a padlock.

Size	356T6 Aluminum	316 Stainless Steel
2"	12ALDCL200E	12SSDCL200E
3"	12ALDCL300E	12SSDCL300E
4"	12ALDCL400E	12SSDCL400E



Vented Dust Cap (Double Lok)

Dust Cap

- Raised pad with a 1/4" Female NPT hole for attaching a pressure-relief valve.

Size	316 Stainless Steel
1½"	17SSDCV150DBL
2"	17SSDCV200DBL
3"	17SSDCV300DBL



Vented Dust Plug (Economy)

Dust Plug

- Raised pad with a 1/4" Female NPT hole for attaching a pressure-relief valve.

Size	316 Stainless Steel
1"	17SSDPV100E
1½"	17SSDPV150E
2"	17SSDPV200E



Vented Dust Cap (Heavy Wall)

Dust Cap

- Raised pad with a 1/4" Female NPT hole for attaching a pressure-relief valve.

Size	316 Stainless Steel
1½"	17SSDCV150HW
2"	17SSDCV200HW
3"	17SSDCV300HW



Vented Dust Cap (Economy)

Dust Cap

- Raised pad with a 1/4" Female NPT hole for attaching a pressure-relief valve.

Size	316 Stainless Steel
1"	17SSDCV100E

Gaskets

Gaskets for Cam and Groove Couplings



Size	Buna-N	Buna-N (X-Thick)	EPDM	Teflon	Neoprene	Viton-A	FDA (Food Grade)
1⁄2"	---	---	---	---	---	15VIT050	---
3⁄4"	15BN075	---	15EPT075	15TEF075	15NEO075	15VIT075	---
1"	15BN100	---	15EPT100	15TEF100	15NEO100	15VIT100	---
1 1⁄4"	15BN125	---	15EPT125	15TEF125	15NEO125	15VIT125	---
1 1⁄2"	15BN150	---	15EPT150	15TEF150	15NEO150	15VIT150	---
2"	15BN200	15BN200X	15EPT200	15TEF200	15NEO200	15VIT200	15FDA200
2 1⁄2"	15BN250	---	---	---	15NEO250	15VIT250	---
3"	15BN300	15BN300X	15EPT300	15TEF300	15NEO300	15VIT300	15FDA300
4"	15BN400	15BN400X	15EPT400	15TEF400	15NEO400	15VIT400	15FDA400
5"	15BN500	---	---	---	15NEO500	---	15FDA500
6"	15BN600	---	---	---	15NEO600	---	---
8"	15BN800	---	---	---	---	---	---

Handle Assemblies

Replacement Handle Assemblies

- BR (Economy) & BR (Paddle) both come equipped with a Plated Steel Pin.
- SS (Economy) & SS (HeavyWall) & SS (DoubleLok) come equipped with a Stainless Steel Pin.



Coupler Size	BR (Economy)	BR (Paddle) ¹	SS (Economy)	SS (Heavy Wall)	SS (Double Lok)
1⁄2"	14BR050E	---	---	---	---
3⁄4"	14BR075E	---	14SS075E	---	---
1"	14BR100E	---	14SS100E	---	14SS100DBL
1 1⁄4" - 2 1⁄2"	14BR200E	14BR200P	14SS200E	14SS200HW	14SS200DBL
3" - 5"	14BR300E	14BR300P	14SS300E	14SS300HW	14SS300DBL
6" - 8"	14BR600E	---	14SS600E	---	---

¹ For Aluminum Heavy Wall Fittings



Security Chain (Jack Chain)

Security Jack Chains

Length	Brass	Stainless Steel
6"	19CHN0600	19CHN0600SS
12"	19CHN1200	19CHN1200SS
18"	19CHN1800	19CHN1800SS

Security Chain (Sash Chain)

Security Sash Chain (Mil-Spec)

Length	Brass
12"	19BRCHAIN



Safety Clips

Safety Clips (100 / Pkg)

Pkg Qty	Item	Coupler Size	Plated Steel
100	Small Safety Clips	1⁄2" - 2 1⁄2"	21XSC
100	Large Safety Clips	3" and Above	21XSCLG



Pins

Replacement Pins for Handle Assemblies

- PLPIN for Brass Handles.
- SSPIN for Stainless Steel Handles.

Coupler Size	Plated Steel	316 Stainless Steel
3⁄4"	14PLPIN075	14SSPIN075
1"	14PLPIN100	14SSPIN100
1 1⁄4" - 2 1⁄2"	14PLPIN200	14SSPIN200
3" - 5"	14PLPIN300	14SSPIN300
6" - 8"	14PLPIN600	14SSPIN600



Rings

Replacement Rings for Handle Assemblies

- Plated Steel Rings for Brass Handles
- Stainless Steel Rings for Stainless Steel Handles

Coupler Size	Plated Steel	316 Stainless Steel
1⁄2" - 2 1⁄2"	19RING200	19RING200SS
3" - 8"	19RING300	19RING300SS

Sandblast Fittings - Couplings

Sandblast Fittings

- **Hose Couplings:** Hose Connections
- **Threaded Couplings:** Threaded onto the blasting pot
- **Nozzle Holders:** Accepts Male End of the blast nozzle

Features:

- Our Sandblast Fittings are held to the highest QC standards in the industry
- Aluminum Sandblast Fittings are Gravity Cast

Recommended Max Operating Pressure: PSI
At Room Temperature 70F (21C)

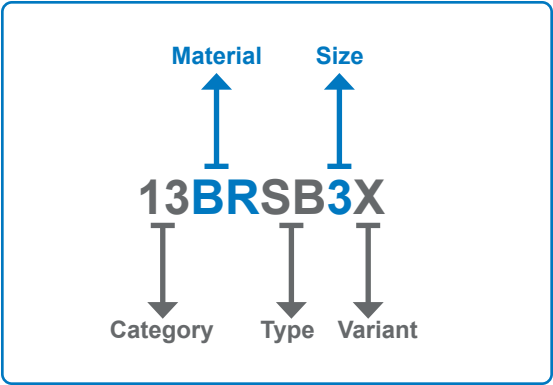
Material	½"	¾"	1"	1¼"	1½"	2"
Aluminum	150	150	150	150	150	150
Brass	175	175	175	175	175	175
Steel	---	175	175	175	175	---
Nylon	---	125	125	125	---	---

Category	Description
13	Sandblast

Material	Description
AL	Aluminum
BR	Brass
DP	Steel
NY	Nylon

Type	Description
Q	Crowfoot x Hose Sleeve
SB	Crowfoot x Female Threaded
HE	NPS Threaded x Hose Sleeve
MHE	Contractor Threaded x Hose Sleeve

Variant	Description
X	Full Port
F	Flange
S	NPS (SB)
A	Smaller (Hose OD)
M	33mm (Hose OD)



Hose Coupling (Standard)

Coupler x Hose Connection

- Supplied with Buna-N Gasket.
- Inter-changable with all major brands.



Item	Hose Size	Hose OD	Gasket ID	Aluminum	Brass	Nylon	Steel
Q05A	½"	1.06"	1¼"	13ALQ05A	---	---	---
Q05	½"	1⅜"	1¼"	13ALQ05	13BRQ05	---	---
Q1	¾"	1½"	1¼"	13ALQ1	13BRQ1	13NYQ1	13DPQ1
Q2	1"	1⅞"	1¼"	13ALQ2	13BRQ2	13NYQ2	13DPQ2
Q3	1¼"	2⅝"	1¼"	13ALQ3	13BRQ3	13NYQ3	13DPQ3
Q4	1½"	2⅞"	1¼"	13ALQ4	13BRQ4	---	13DPQ4
Q1M	¾"	33mm	1¼"	---	---	13NYQ1M	13DPQ1M

Hose Coupling (Full Port)

Coupler x Hose Connection

- Supplied with Buna-N Gasket.
- Higher Pressure Rating & Less Gasket wear.
- Will not interchange with standard sizes.



Item	Hose Size	Hose OD	Gasket ID	Aluminum	Brass
Q2X	1"	1⅞"	1¼"	13ALQ2X	13BRQ2X
Q3X	1¼"	2⅝"	1¼"	13ALQ3X	13BRQ3X
Q4X	1½"	2⅞"	1¼"	13ALQ4X	13BRQ4X
Q6X	2"	2⅞"	1¼"	13ALQ6X	13BRQ6X

Threaded Coupling (Standard)

(Coupler x Female NPT) & (Coupler x Female NPS)

- Supplied with Buna-N Gasket.
- Inter-changable with all major brands

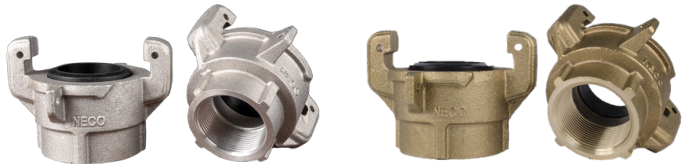


Item	Hose Size	Thread Size	Gasket ID	Aluminum	Brass	Nylon	Steel
SB1	1¼"	1¼" NPT	1¼"	13ALSB1	13BRSB1	---	13DPSB1
SB1S	1¼"	1¼" NPS	1¼"	13ALSB1S	13BRSB1S	13NYSB1S	13DPSB1S
SB1M	1¼"	1¼" BSPP	1¼"	---	13BRSB1M	---	13DPSB1M
SB2	1½"	1½" NPT	1¼"	13ALSB2	13BRSB2	---	13DPSB2
SB2S	1½"	1½" NPS	1¼"	---	---	13NYSB2S	---
SB2M	1½"	1½" BSPP	1¼"	---	13BRSB2M	---	13DPSB2M
SB5S	2"	2" NPS	1¼"	13ALSB5S	---	---	---

Threaded Coupling (Full Port)

Coupler x Female NPT

- Supplied with Buna-N Gasket.
- Higher Pressure Rating & Less Gasket wear.
- Will not interchange with standard sizes.



Item	Hose Size	Thread Size	Gasket ID	Aluminum	Brass
SB3X	1½"	1½" NPT	1¼"	13ALSB3X	13BRSB3X
SB4X	2"	2" NPT	1¼"	13ALSB4X	13BRSB4X

Threaded Coupling (Specialty)

Female NPS x Hose Connection

Item	Hose Size	Hose OD	Thread Size	Aluminum
HE5	1½"	2.375"	2" NPS	13ALHE5
HE6	2"	2.875"	2" NPS	13ALHE6



Sandblast Fittings - Nozzle Holders

Nozzle Holder (Standard)

Female NPS Thread x Hose Connection

- 7/8" Thread Depth = 10 Threads of Nozzle Engagement (Most in the Industry)
- Inter-changeable with all major brands.



Item	Hose Size	Hose OD	Thread Size	Aluminum	Brass	Nylon
HE05A	½"	1.06"	3/4" NPS	13ALHE05A	---	---
HE05	½"	1⅜"	3/4" NPS	13ALHE05	13BRHE05	---
HE1	¾"	1½"	1¼" NPS	13ALHE1	13BRHE1	13NYHE1
HE2	1"	1⅞"	1¼" NPS	13ALHE2	13BRHE2	13NYHE2
HE3	1¼"	2⅝"	1¼" NPS	13ALHE3	13BRHE3	13NYHE3
HE4	1½"	2⅞"	1¼" NPS	13ALHE4	13BRHE4	---

Nozzle Holder (Contractor Threads)

Female 50mm Thread x Hose Connection



Item	Hose Size	Hose OD	Thread Size	Aluminum	Brass	Nylon
MHE1M	¾"	33mm	50mm	---	---	13NYMHE1M
MHE1	¾"	1½"	50mm	13ALMHE1	13BRMHE1	13NYMHE1
MHE2	1"	1⅞"	50mm	13ALMHE2	13BRMHE2	13NYMHE2
MHE3	1¼"	2⅝"	50mm	13ALMHE3	13BRMHE3	13NYMHE3
MHE4	1½"	2⅞"	50mm	13ALMHE4	13BRMHE4	---

Quick Nozzle Holder (Specialty)



Accepts	Gasket ID	Aluminum	Brass	Nylon
50mm Threaded Nozzle	1¼"	---	---	13NYSBM
2" Flanged Nozzle	1¼"	13ALSBF	13BRSBF	---

Sandblast Fittings - Misc Parts



Hose to Hose



Hose to Tool

Safety Cables

- Recommended for all Pressurized Hose Connections.
- Spring loaded galvanized steel safety cables loop over each hose to prevent the hoses from whipping in case of accidental separation of the couplings.

Item	Hose ID	Cable	Length	Type	Steel
WC1	½" - 1¼"	⅛"	20"	Hose to Hose	27WC1
WC15	1" - 2½"	⅜"	28"	Hose to Hose	27WC15
WC2	1½" - 3"	¼"	38"	Hose to Hose	27WC2
WC4	4"	⅜"	44"	Hose to Hose	27WC4
WT1	½" - 1¼"	⅛"	20"	Hose to Tool	27WT1
WT2	1½" - 3"	¼"	38"	Hose to Tool	27WT2



Nylon Union Coupler

Union Coupler for Remote Pressure Monitoring

- Push Connect for remote blast pressure monitoring
- 100% Made in America

Gasket ID	Nylon
1¼"	50NYUNION



Screws

Sandblast Coupling Screws

- SBSCREWS : Standard 1/2" Pan Head Screw
- SBSCREWS-S : SS 1/2" Pan Head Screw for Web Blasting Applications

Pkg QTY	Carbon Steel	Stainless Steel
100	13SBSCREWS	---
104	---	13SBSCREWS-S

Safety Clips

Sandblast Safety Clips (100 / Pkg)

Pkg QTY	Plated Steel
100	21XSC



Gaskets

Sandblast Gaskets

- SBG1 is for Standard Couplings
- SBG2X is for Full Port Couplings
- SBG5 is for the SB5 Couplings
- SBG1U (yellow) is a Heavy Duty Longer Lasting Gasket

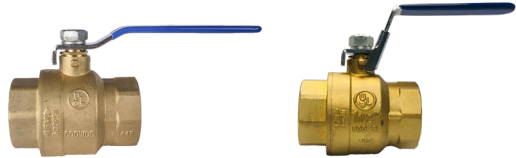
Item	Description	Min QTY	Part #
SBG1	Standard (Nitrile)	100	15SBG1
SBG2X	Full Port (Nitrile)	100	15SBG2X
SBG3	Nylon Coupling (Nitrile)	100	15SBG3
SBG5	Standard SB5 (Nitrile)	1	15SBG5
SBG1U	Standard (Urethane)	100	15SBG1U

Valves - Ball Valves

Heavy Duty Ball Valves (Full Port)

Brass Ball Valves (Non-Locking & Locking)

- 600 PSI WOG
- Blow-out Proof Stem
- NPT Threads
- Not for Potable Water
- 100% QC Inspected
- Sliding Lock Mechanism on Locking Ball Valve Handles



Size	Port	Brass (Non-Locking)	Brass (Locking)
1/4"	Full	36BRVB025	36BRVBL025
3/8"	Full	36BRVB038	36BRVBL038
1/2"	Full	36BRVB050	36BRVBL050
3/4"	Full	36BRVB075	36BRVBL075
1"	Full	36BRVB100	36BRVBL100
1 1/4"	Full	36BRVB125	36BRVBL125
1 1/2"	Full	36BRVB150	36BRVBL150
2"	Full	36BRVB200	36BRVBL200
2 1/2"	Full	36BRVB250	36BRVBL250
3"	Full	36BRVB300	36BRVBL300
4"	Full	36BRVB400	36BRVBL400

Ball Valve Replacement Handles

Parts relating to NECO Ball Valves

- Includes Stainless Steel Nut
- Includes Stainless Steel Washer



Ball Valve Size	Handle Assembly (Non-Locking)	Handle Assembly (Locking)
1/4" - 1/2"	36BVH050	36BVHL050
3/4" - 1"	36BVH100	36BVHL100
1 1/4" - 1 1/2"	36BVH150	36BVHL150
2"	36BVH200	36BVHL200
2 1/2"	36BVH250	36BVHL250
3"	36BVH300	36BVHL300
4"	36BVH400	36BVHL400

Valves - Union / Gate / Check Valves

Quick Clamp Ball Valve (Full Port)

Quick Clamp Brass Ball Valves

- 600 PSI WOG
- Blow-out Proof Stem
- NPT Threads
- Not for Potable Water
- RPTFE Seats / Viton Washer
- Stainless Steel Stem & Ball
- 100% QC Inspected

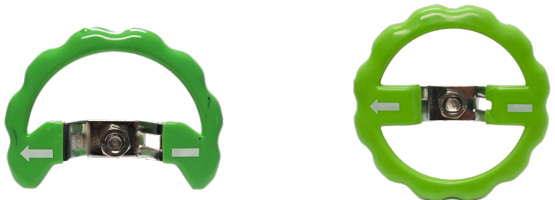


Complete Assembly	Brass Body	Brass Nipple	Viton Washer	304 Stainless Steel Quick Clamp
36QCBV125	36QCBODY125	36QCNIP125	36QCOR125	36QCSC125

Union & Quick Clamp Valve Handles

Replacement Handles for Union & Quick Clamp Handles

- Includes Stainless Steel Nut
- Includes Stainless Steel Washer



Half Handle	Round Handle
36BRVUHH125	36BRVURH125

Union Valve Replacement Parts

Replacement Components for Union Valves



Viton O-Ring	Nut	Tail
36BVOR125	36BRVN125	36BRVT125



Gate Valves

Brass Gate Valves

- 200 PSI WOG
- NPT Threads
- Lead Free

Female NPT	Brass
1/4"	36BRVG025
3/8"	36BRVG038
1/2"	36BRVG050
3/4"	36BRVG075
1"	36BRVG100
1 1/4"	36BRVG125
1 1/2"	36BRVG150
2"	36BRVG200
2 1/2"	36BRVG250
3"	36BRVG300
4"	36BRVG400



Swing Check Valve

Female NPT X Female NPT

- 200 PSI WOG
- NPT Threads
- Lead Free

Female NPT	Brass
1/2"	36BRVC050
3/4"	36BRVC075
1"	36BRVC100
1 1/4"	36BRVC125
1 1/2"	36BRVC150
2"	36BRVC200
2 1/2"	36BRVC250
3"	36BRVC300
4"	36BRVC400



Union Ball Valve (Full Port)

Brass Union Valve (Half Handle or Round Handle)

- 600 PSI WOG
- Blow-out Proof Stem
- NPT Threads
- Not for Potable Water
- RPTFE Seats / Viton O-Ring
- Stainless Steel Stem & Ball
- 100% QC Inspected

Female NPT	Port	Brass (Half Handle)	Brass (Round Handle)
1/4"	Full	36BRVU125	36BRVU125RH

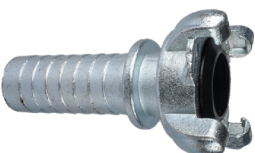


2-Lug Hose Ends

Claw Coupling x Hose Shank

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Size	Carbon Steel	316 Stainless Steel
3/8"	21DPHE037	---
1/2"	21DPHE050	21SSHE050
3/4"	21DPHE075	21SSHE075
1"	21DPHE100	21SSHE100



4-Lug Hose Ends

Claw Coupling x Hose Shank

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Size	Carbon Steel
1 1/4"	21DPHE125
1 1/2"	21DPHE150
2"	21DPHE200



2-Lug Female NPT Ends

Claw Coupling x Female NPT

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Size	Carbon Steel	316 Stainless Steel
1/4"	21DPFE025	---
3/8"	21DPFE037	---
1/2"	21DPFE050	21SSFE050
3/4"	21DPFE075	21SSFE075
1"	21DPFE100	21SSFE100



4-Lug Female NPT Ends

Claw Coupling x Female NPT

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Size	Carbon Steel
1 1/4"	21DPFE125
1 1/2"	21DPFE150
2"	21DPFE200



2-Lug Male NPT Ends

Claw Coupling x Male NPT

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Size	Carbon Steel	316 Stainless Steel
1/4"	21DPME025	---
3/8"	21DPME037	---
1/2"	21DPME050	21SSME050
3/4"	21DPME075	21SSME075
1"	21DPME100	21SSME100



3-Way Air Hose Coupling

Three Way Coupling

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Carbon Steel
21DPUW300



Dead Ends

Dead End Coupling

- Supplied with Rubber Gasket
- Supplied with Safety Clip

Carbon Steel	316 Stainless Steel	316 Stainless Steel (T Handle)
21DPBE300	21SSBE300	21SSBET300



Safety Clips

Same size for all Air Hose Fitting Sizes

Pkg Qty	Part #
100	21XSC

Gaskets

Replacement Gaskets

Pkg Qty	Style	Rubber
100	2 Lug	21XUG2
100	4 Lug	21XUG4

Safety Clips & Lanyards

Same size for all Air Hose Fitting Sizes

Pkg Qty	Part #
100	21XSCL



Lanyards

Same size for all Air Hose Fitting Sizes

Pkg Qty	Part #
100	21XSL

GJ Couplings - Complete Sets / Spuds



Ground Joint Couplings w/ Female Spud

Complete GJ Coupling Set w/ Female NPT Threads

- Contains: Hose Stem, Wing Nut, and Female Spud w/ female NPT Threads.
- Investment Cast Carbon Steel

Hose Shank x NPT	Carbon Steel
1/2"	27GJCS050
3/4"	27GJCS075
1"	27GJCS100
1¼"	27GJCS125
1½"	27GJCS150
2"	27GJCS200
2½"	27GJCS250
3"	27GJCS300
4"	27GJCS400



Ground Joint Female Spuds

Ground Joint Female Spud (Female NPT)

- Female Spud has female NPT Threads.
- Contains Brass Insert.
- Investment Cast Carbon Steel

Thread	Carbon Steel
1/2"	27GJFS050
3/4"	27GJFS075
1"	27GJFS100
1¼"	27GJFS125
1½"	27GJFS150
2"	27GJFS200
2½"	27GJFS250
3"	27GJFS300
4"	27GJFS400



Ground Joint Male Spuds

Ground Joint Male Spud (Male NPT)

- Male NPT Threads.
- Contains Brass Insert.
- Investment Cast Carbon Steel

Thread	Carbon Steel
1/2"	27GJMS050
3/4"	27GJMS075
1"	27GJMS100
1¼"	27GJMS125
1½"	27GJMS150
2"	27GJMS200



Ground Joint Double Spuds

Wing Nut Thread x Wing Nut Thread

- Connects 2 Hoses.
- Contains Brass Insert.
- Investment Cast Carbon Steel

Thread	Carbon Steel
1/2"	27GJDS050
3/4" - 1"	27GJDS075
1¼" - 1½"	27GJDS125
2"	27GJDS200

GJ Couplings - Stems / Wing Nuts



Ground Joint Stems

Hose Shank x NPT

- Hose Stem sized for Hose ID
- Investment Cast Carbon Steel

Hose Shank x NPT	Carbon Steel
1/2"	27GJHS050
3/4"	27GJHS075
1"	27GJHS100
1¼"	27GJHS125
1½"	27GJHS150
2"	27GJHS200
2½"	27GJHS250
3"	27GJHS300
4"	27GJHS400



Ground Joint Wing Nuts

Wing Nuts

- Connects Hose Stem to Spud.
- Investment Cast Carbon Steel

Size	Carbon Steel
1/2"	27GJWN050
3/4" - 1"	27GJWN075
1¼"	27GJWN125
1½"	27GJWN150
2"	27GJWN200
2½"	27GJWN250
3"	27GJWN300
4"	27GJWN400



Center Punch Clamps

Center Punch Clamps

Pkg Qty	ID	Band Width	201 Stainless Steel	Galvanized Carbon Steel
100	13/16"	3/8"	62CPSS03	62CPGALV03
100	1"	5/8"	62CPSS04	62CPGALV04
100	1¼"	5/8"	62CPSS05	62CPGALV05
100	1½"	5/8"	62CPSS06	62CPGALV06
100	1¾"	5/8"	62CPSS07	62CPGALV07
100	2"	5/8"	62CPSS08	62CPGALV08
100	2¼"	5/8"	62CPSS09	62CPGALV09
50	2½"	5/8"	62CPSS10	62CPGALV10
50	2¾"	5/8"	62CPSS11	62CPGALV11
50	3"	5/8"	62CPSS12	62CPGALV12
50	3½"	5/8"	62CPSS14	62CPGALV14
25	4"	5/8"	62CPSS16	62CPGALV16
25	4½"	5/8"	62CPSS18	62CPGALV18
25	5"	5/8"	62CPSS20	62CPGALV20
25	6"	5/8"	62CPSS24	62CPGALV24
25	6½"	5/8"	62CPSS26	62CPGALV26
25	7"	5/8"	62CPSS28	62CPGALV28
25	8"	5/8"	62CPSS32	62CPGALV32



Clockwise Spiral Clamp

Right Hand

Hose Size	Hose OD Min	Hose OD Max	Plated Carbon Steel
1½"	1.65"	2.05"	62SC150
2"	1.97"	2.36"	62SC200
2½"	2.76"	3.15"	62SC250
3"	3.15"	3.62"	62SC300
4"	4.33"	4.72"	62SC400
5"	5.12"	5.51"	62SC500
6"	6.10"	6.50"	62SC600
8"	8.27"	8.86"	62SC800
10"	10.83"	11.42"	62SC1000
12"	12.60"	13.39"	62SC1200



Counter Clockwise Spiral Clamp

Left Hand

Hose Size	Hose OD Min	Hose OD Max	Plated Carbon Steel
1½"	1.65"	2.05"	62SCC150
2"	1.97"	2.36"	62SCC200
2½"	2.76"	3.15"	62SCC250
3"	3.15"	3.62"	62SCC300
4"	4.33"	4.72"	62SCC400
5"	5.12"	5.51"	62SCC500
6"	6.10"	6.50"	62SCC600
8"	8.27"	8.86"	62SCC800
10"	10.83"	11.42"	62SCC1000
12"	12.60"	13.39"	62SCC1200



2 Bolt Clamp

2 Bolt Investment Cast Plated Carbon Steel Hose Clamp

Hose ID	Hose OD Min	Hose OD Max	Plated Carbon Steel	Torque (ft. lbs.)
3/8"	44/64"	48/64"	62BC038	6
1/2"	60/64"	1¼/64"	62BC050A	12
1/2"	1¼/64"	1½/64"	62BC050B	12
3/4"	1¾/64"	1¾/64"	62BCQ075B	21
3/4"	1½/64"	1¾/64"	62BC075A	21
3/4"	1¾/64"	1¾/64"	62BC075B	21
3/4"	1¾/64"	1¾/64"	62BC075C	21



4 Bolt Clamp

4 Bolt Investment Cast Plated Carbon Steel Hose Clamp

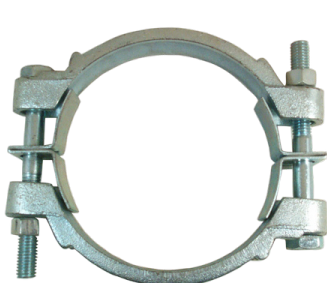
Hose ID	Hose OD Min	Hose OD Max	Plated Carbon Steel	Torque (ft. lbs.)
1"	1¾/64"	1¾/64"	62BC100	21
1¼"	1¾/64"	2¾/64"	62BU19	21
1¼"	2¾/64"	2¾/64"	62B19	40
1½"	2¾/64"	2¾/64"	62BC150C	40
2"	2¾/64"	2¾/64"	62BC200A	60
2"	2¾/64"	3¼/64"	62BC200B	60
2"	3¼/64"	3¾/64"	62BC200C	60
3"	3¾/64"	3¾/64"	62B34	150
3"	3¾/64"	4¼/64"	62BC300A	150
3"	4¼/64"	4¾/64"	62BC300B	200



6 Bolt Clamp

6 Bolt Plated Iron Hose Clamp

Hose ID	Hose OD Min	Hose OD Max	Plated Carbon Steel
4"	4¾"	5¾"	62BC400A
4"	5¾"	6¾"	62BC400B



Double Bolt Clamps

Double Bolt Clamps w/ Saddles
Investment Cast Plated Carbon Steel

Hose OD Min	Hose OD Max	Plated Carbon Steel
2¼/32"	7/8"	62DB022
7/8"	1¾/64"	62DB029
1¾/64"	1½/32"	62DB034
1¾/64"	1¾/32"	62DB040
1¾/64"	1¾/64"	62DB049
1¾/64"	2¾/64"	62DB060
2¾/64"	3¼/64"	62DB076
3¼/64"	3¼/64"	62DB094
3½/64"	4"	62DB0400
4¼/64"	4¾/64"	62DB0463
4¾/64"	5"	62DB0525
5"	5½"	62DB0550
5½"	6¼/64"	62DB0600
6¼/64"	6¾/64"	62DB0675
6¾/64"	7¾/64"	62DB0769
7¼/64"	8¾/64"	62DB0818
8¼/64"	8¾/64"	62DB0875
8¾/64"	9¾/64"	62DB0988
9¾/64"	1¾/64"	62DB1125
1¾/64"	13"	62DB1275
13¾/64"	15"	62DB1450
15¼/64"	17½"	62DB1700



Long Shank Coupling

Female NPS Long Shank Coupling

- Fully Machined
- Supplied with Extra Thick Gasket that will not dislodge easily

Hose ID	NPS Thread	Plated Steel
3/4"	3/4"	25DPLF075
1"	1"	25DPLF100
1 1/4"	1 1/4"	25DPLF125
1 1/2"	1 1/2"	25DPLF150
2"	2"	25DPLF200



Gasket Replacements

Replacement Gaskets for Long Shank Couplings

Size	Part #
3/4"	25XLS075
1"	25XLS100
1 1/4"	25XLS125
1 1/2"	25XLS150
2"	25XLS200



Hex Nipples

Long Shank Hex Nipples

- Hex Nipples designed to work specifically with our long shank couplings.
- Extra thick side wall to prevent the cutting of gaskets.

Size	Thread	Plated Carbon Steel
1"	NPT	25DPLFN100
1 1/4"	NPT	25DPLFN125
1 1/2"	NPT	25DPLFN150
2"	NPT	25DPLFN200

Hose Nipple (Threaded End)

Hose Shank x Male NPT Thread (Shank and Male end are the same size)



Grooved End

Grooved Nipple



Weld End

Welding Nipple



Size	Plated Steel	316 Stainless Steel	Brass	Aluminum	Polyglass	Carbon Steel (Gooved End)	Carbon Steel (Welding End)
1/2"	31CNPL050	31CNSS050	31CNBR050	31CNAL050	41CNPG050	31VN050	31WN050
3/4"	31CNPL075	31CNSS075	31CNBR075	31CNAL075	41CNPG075	31VN075	31WN075
1"	31CNPL100	31CNSS100	31CNBR100	31CNAL100	41CNPG100	31VN100	31WN100
1 1/4"	31CNPL125	31CNSS125	31CNBR125	31CNAL125	41CNPG125	31VN125	31WN125
1 1/2"	31CNPL150	31CNSS150	31CNBR150	31CNAL150	41CNPG150	31VN150	31WN150
2"	31CNPL200	31CNSS200	31CNBR200	31CNAL200	41CNPG200	31VN200	31WN200
2 1/2"	31CNPL250	31CNSS250	31CNBR250	31CNAL250	---	31VN250	31WN250
3"	31CNPL300	31CNSS300	31CNBR300	31CNAL300	41CNPG300	31VN300	31WN300
4"	31CNPL400	31CNSS400	31CNBR400	31CNAL400	41CNPG400	31VN400	31WN400
5"	31CNPL500	31CNSS500	---	---	---	31VN500	31WN500
6"	31CNPL600	31CNSS600	---	---	---	31VN600	31WN600
8"	31CNPL800	---	---	---	---	31VN800	31WN800
10"	31CNPLM10	---	---	---	---	31VNM10	31WNM10
12"	31CNPLM12	---	---	---	---	31VNM12	31WNM12

Hose Menders

Hose Shank x Hose Shank



Size	Plated Steel	304 Stainless Steel
1/2"	31HMPL050	31HMSS050
3/4"	31HMPL075	31HMSS075
1"	31HMPL100	31HMSS100
1 1/4"	31HMPL125	31HMSS125
1 1/2"	31HMPL150	31HMSS150
2"	31HMPL200	31HMSS200
2 1/2"	31HMPL250	31HMSS250
3"	31HMPL300	31HMSS300
4"	31HMPL400	31HMSS400
5"	31HMPL500	---
6"	31HMPL600	---
8"	31HMPL800	---
10"	31HMPLM10	---
12"	31HMPLM12	---

Male Stem

Shank x Male NPT Thread



Hose Size	NPT Thread	Plated Steel
1/4"	1/8"	31HN2512
1/4"	1/4"	31HN2525
1/4"	3/8"	31HN2538
3/8"	1/4"	31HN3825
3/8"	3/8"	31HN3838
3/8"	1/2"	31HN3850
1/2"	1/4"	31HN5025
1/2"	3/8"	31HN5038
1/2"	1/2"	31HN5050
1/2"	3/4"	31HN5075
3/4"	1/2"	31HN7550
3/4"	3/4"	31HN7575
1"	3/4"	31HN1075
1"	1"	31HN1010
1 1/4"	1 1/4"	31HN125125
1 1/2"	1 1/2"	31HN150150
2"	2"	31HN2020
2 1/2"	2 1/2"	31HN250250
3"	3"	31HN3030
4"	4"	31HN4040

Bauer Style (Hose Ends)

Galvanized Steel

- **Type B** : 2" to 8"
- **Type A** : 10" to 12"
- **Females are supplied with O-Ring Gaskets**
- O-Ring Gaskets are **Buna-N**



Size	Female x Hose Shank	Male x Hose Shank
2"	81BFH200	81BMH200
3"	81BFH300	81BMH300
4"	81BFH400	81BMH400
6"	81BFH600	81BMH600
8"	81BFH800	81BMH800
10"	81BFH1000	81BMH1000
12"	81BFH1200	81BMH1200

Bauer Style (Parts)

- O-Ring Gaskets are Buna-N



Size	Locking Lever	O-Ring Gasket	Safety Clip
2"	81BLR200	81BG200	81BC400
3"	81BLR300	81BG300	81BC400
4"	81BLR400	81BG400	81BC400
6"	81BLR600	81BG600	81BC600
8"	81BLR800	81BG800	81BC600
10"	81BLR1000	81BG1000	81BC800
12"	81BLR1200	81BG1200	81BC800

Bauer Style (Threaded Ends)

Galvanized Steel

- **Type B** : 2" to 8"
- **Females are supplied with O-Ring Gaskets**
- O-Ring Gaskets are **Buna-N**



Size	Female x Male NPT	Male x Male NPT
2"	81BFNPT200	81BMNPT200
3"	81BFNPT300	81BMNPT300
4"	81BFNPT400	81BMNPT400
6"	81BFNPT600	81BMNPT600
8"	81BFNPT800	81BMNPT800

Bauer Style (Weld-Ons)

Galvanized Steel

- **Type B** : 2" to 8"
- **Females are supplied with O-Ring Gaskets**
- **Males come with Ring Clamp**



Size	Female x Weld-On	Male x Weld-On
2"	81BFWO200	81BMWO200
3"	81BFWO300	81BMWO300
4"	81BFWO400	81BMWO400
6"	81BFWO600	81BMWO600
8"	81BFWO800	81BMWO800

Bauer Style (Flange)

Galvanized Steel

- **Females are supplied with O-Ring Gaskets**
- **Males come with Locking Lever Ring**



Size	Female x Flange	Male x Flange
4"	81BFF400	81BMF400
6"	81BFF600	81BMF600
8"	81BFF800	81BMF800

Strainers and Foot Valves

- **Foot Vavles** : Painted Cast Iron
- **Strainers** : Zinc Plated Steel *excluding the 93PY Strainers*



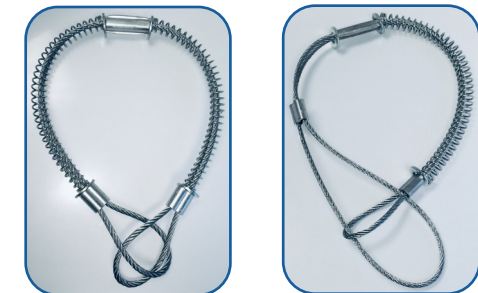
Thread Size	Foot Valves	Round Hole Strainers	Square Hole Strainers	Long Strainers	Top Hole Strainers	Bottom Hole Strainers	Polypropylene Strainers
1½"	91FV150	93RH150	93SQ150	93LG150	93SK150	93SKBH150	93PY150
2"	91FV200	93RH200	93SQ200	93LG200	93SK200	93SKBH200	93PY200
2½"	91FV250	93RH250	93SQ250	93LG250	---	---	---
3"	91FV300	93RH300	93SQ300	93LG300	93SK300	93SKBH300	93PY300
4"	91FV400	93RH400	93SQ400	93LG400	---	---	---
6"	91FV600	93RH600	93SQ600	---	---	---	---
8"	91FV800	93RH800	---	---	---	---	---
10"	---	93RHM10	---	---	---	---	---
12"	---	93RHM12	---	---	---	---	---

Foot Valve Leather Replacement

Foot Valve Size	Leather Replacement
1½"	91FVL150
2"	91FVL200
2½"	91FVL250
3"	91FVL300
4"	91FVL400
6"	91FVL600
8"	91FVL800

Safety Cables

- Recommended for all Pressurized Hose Connections.
- Spring loaded galvanized steel safety cables loop over each hose to prevent the hoses from whipping in case of accidental separation of the couplings.



Item	Hose ID	Cable	Length	Type	Steel
WC1	½" - 1"	⅛"	20"	Hose to Hose	27WC1
WC15	1" - 2½"	⅜"	28"	Hose to Hose	27WC15
WC2	1½" - 3"	¼"	38"	Hose to Hose	27WC2
WC4	4"	⅜"	44"	Hose to Hose	27WC4
WT1	½" - 1¼"	⅛"	20"	Hose to Tool	27WT1
WT2	1½" - 3"	¼"	38"	Hose to Tool	27WT2

Camlock Couplings (Safety Precautions)

- Low-Pressure connection.
- Match product to be conveyed with proper alloy couplings.
- Pressure test hose assembly, before application, to ensure the tight and leak-free assembly of hose coupling & clamp.
- Fluidized dry products are more abrasive than liquids. In those applications, couplings should be frequently checked for excessive wear and replaced when necessary.
- Pressurized media creates hazardous conditions. Tie-off hose ends to guard against the accidental separation of lines and prevent whipping or bucking of the hose.
- Use handle locking devices.

Camlock Economy (Materials)

Material Specifications for Cam & Groove Body Components

- Aluminum : A356 T6 & A380 Gravity Castings
- Brass : QQ-C-390, Copper alloy Castings
- Stainless Steel : 316 Stainless Steel Investment Castings
- Carbon : Plated Carbon Steel Investment Castings
- Ductile Iron : Plated Ductile Iron Castings
- Polyglass : Fiberglass Reinforced Polypropylene / Temperature Range: 10F to 180F

Camlock Economy (Recommended Maximum Operating PSI)

PSI - At Room Temperature 70F (21C)

Material	3/4"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"
Aluminum	250	250	250	250	250	150	125	100	75	75	50
Brass	250	250	250	250	250	150	125	100	75	75	50
Stainless Steel	250	250	250	250	250	150	150	125	75	75	---
Ductile Iron	---	---	---	150	150	---	150	125	---	---	---
Polyglass	100	100	100	100	100	---	50	50	---	---	---

Camlock Heavy Wall & Double Lok (Recommended Maximum Operating PSI)

Material	1½"	2"	2½"	3"	4"
Aluminum	250	250	150	200	150
Stainless Steel	250	250	150	200	150

Camlock Gasket (Specifications)

Gasket Specifications for Cam & Groove Body Components

Material	Material Color	Color Code Stripe
Buna-N (Standard)	Black	Blue Stripe
Buna-N (Extra Thick)	Black	---
White Buna-N (FDA Approved)	White	---
Viton-A	Green	---
EPDM	Black	White Stripe



Double Lok Handles (Notes)

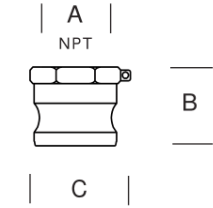
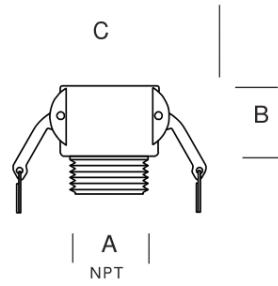
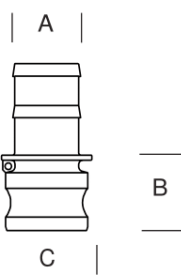
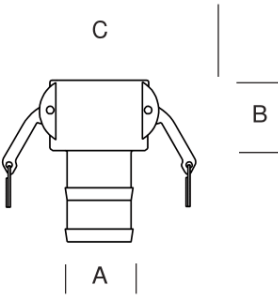
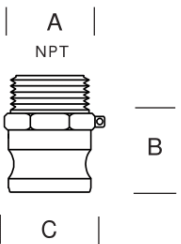
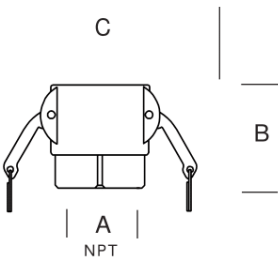
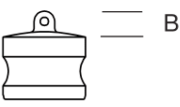
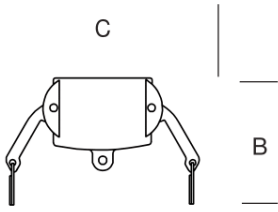
Double Lok handles change Standard Couplings into Passive Locking Couplings

- Passive Lock (1st Lock) : Automatically locks the handle when moved to the closed position.
- Positive Lock (2nd Lock) : Achieved when wire clip is inserted through the handle.

Camlock (Dimensions)

General Dimensions for Hose & Pipe Couplings

- A = Hose Shank or Pipe Thread Size
- B = Length Exposed from Hose or Pipe
- C = Maximum Outside Diameter
- *Adapters: without chain tab*
- *Couplers: with handles but without finger rings*

Adapter 'A' 	<table> <tr> <th>SIZES</th><th>A</th><th>B</th><th>C</th></tr> <tr><td>3/4"</td><td>3/4"</td><td>1-1/2</td><td>1-1/2</td></tr> <tr><td>1"</td><td>1"</td><td>1-7/8</td><td>1-3/4</td></tr> <tr><td>1-1/4"</td><td>1-1/4"</td><td>2-1/8</td><td>2-1/8</td></tr> <tr><td>1-1/2"</td><td>1-1/2"</td><td>2-1/4</td><td>2-1/2</td></tr> <tr><td>2"</td><td>2"</td><td>2-1/2</td><td>2-7/8</td></tr> <tr><td>2-1/2"</td><td>2-1/2"</td><td>2-3/4</td><td>3-1/2</td></tr> <tr><td>3"</td><td>3"</td><td>2-7/8</td><td>4-1/8</td></tr> <tr><td>4"</td><td>4"</td><td>3-3/8</td><td>5-1/4</td></tr> <tr><td>5"</td><td>5"</td><td>3-3/8</td><td>6-1/2</td></tr> <tr><td>6"</td><td>6"</td><td>3-7/8</td><td>7-3/8</td></tr> <tr><td>8"</td><td>8"</td><td>5-1/4</td><td>10"</td></tr> </table>	SIZES	A	B	C	3/4"	3/4"	1-1/2	1-1/2	1"	1"	1-7/8	1-3/4	1-1/4"	1-1/4"	2-1/8	2-1/8	1-1/2"	1-1/2"	2-1/4	2-1/2	2"	2"	2-1/2	2-7/8	2-1/2"	2-1/2"	2-3/4	3-1/2	3"	3"	2-7/8	4-1/8	4"	4"	3-3/8	5-1/4	5"	5"	3-3/8	6-1/2	6"	6"	3-7/8	7-3/8	8"	8"	5-1/4	10"	Coupler 'B' 	<table> <tr> <th>SIZES</th><th>A</th><th>B</th><th>C</th></tr> <tr><td>3/4"</td><td>3/4"</td><td>1-3/8</td><td>4-1/2</td></tr> <tr><td>1"</td><td>1"</td><td>1-5/8</td><td>5-1/8</td></tr> <tr><td>1-1/4"</td><td>1-1/4"</td><td>1-3/4</td><td>6-7/8</td></tr> <tr><td>1-1/2"</td><td>1-1/2"</td><td>1-7/8</td><td>7-1/4</td></tr> <tr><td>2"</td><td>2"</td><td>2-1/8</td><td>7-5/8</td></tr> <tr><td>2-1/2"</td><td>2-1/2"</td><td>2-1/4</td><td>8-1/8</td></tr> <tr><td>3"</td><td>3"</td><td>2-3/8</td><td>9-7/8</td></tr> <tr><td>4"</td><td>4"</td><td>2-3/8</td><td>11"</td></tr> <tr><td>5"</td><td>5"</td><td>2-1/2</td><td>12"</td></tr> <tr><td>6"</td><td>6"</td><td>2-5/8</td><td>16-1/4</td></tr> <tr><td>8"</td><td>8"</td><td>4-1/8</td><td>18"</td></tr> </table>	SIZES	A	B	C	3/4"	3/4"	1-3/8	4-1/2	1"	1"	1-5/8	5-1/8	1-1/4"	1-1/4"	1-3/4	6-7/8	1-1/2"	1-1/2"	1-7/8	7-1/4	2"	2"	2-1/8	7-5/8	2-1/2"	2-1/2"	2-1/4	8-1/8	3"	3"	2-3/8	9-7/8	4"	4"	2-3/8	11"	5"	5"	2-1/2	12"	6"	6"	2-5/8	16-1/4	8"	8"	4-1/8	18"
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Technical Information

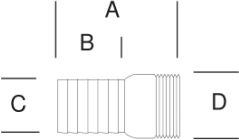
Sandblast Couplings (Recommended Maximum Operating PSI)

PSI - At Room Temperature 70F (21C)

Material	1/2"	3/4"	1"	1¼"	1½"	2"
Aluminum	150	150	150	150	150	150
Brass	175	175	175	175	175	175
Steel	---	175	175	175	175	---
Nylon	---	125	125	125	---	---

Combination Nipple (Dimensions & Recommended Max Operating PSI)

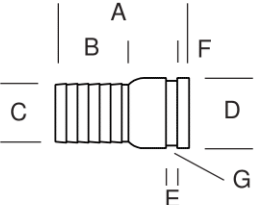
General Dimensions for Combination Hose Nipples (Threaded Ends)

Dimensions - Plated Steel															
	D	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	10	12
	A	2.8	3.0	3.4	3.6	4.0	4.6	5.6	5.9	7.4	8.9	9.9	11.8	12.3	16.0
	B	1.5	1.5	1.6	1.7	1.8	2.5	2.9	3.0	3.9	5.4	6.5	7.9	7.5	10.0
	C	.5	.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0	12.0
	D	.5	.75	1.0	1.25	1.5	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0	12.0
	Wt.	.13#	.2#	.3#	.5#	.6#	1.0#	1.5#	2.4#	3.8#	9.1#	16#	25#	36#	47#
A	Length Overall		B		Length Hose Shank		C		Hose Shank Size						
D	Pipe Size (NPT)														

Maximum Recommended Operating Pressure														
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
Plated Steel	250	250	250	250	250	250	150	125	100	75	75	50	50	50
Stainless Steel	250	250	250	250	250	250	150	125	100	75	75	---	---	---
Brass	250	250	250	250	250	250	150	150	125	---	---	---	---	---
Aluminum	100	100	250	250	250	250	150	150	125	---	---	---	---	---
Polypropylene	100	100	100	100	100	100	---	50	50	---	---	---	---	---
PSI - at room temperature. (Couplings only, not hose coupling retention)														

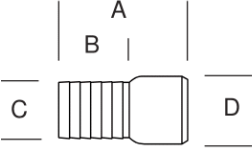
Hose Nipple - Grooved End (Dimensions)

General Dimensions for Hose Nipples (Grooved Ends)

DIMENSIONS																
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	
	A	2.9	3.2	3.4	3.6	4.0	4.6	5.5	6.0	7.3	8.7	10.0	12.4	12.8	13.8	
	B	1.5	1.5	1.6	1.8	1.9	2.5	2.9	3.0	3.9	5.4	6.5	7.9	7.5	10.0	
	C	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	
	D	.84	1.05	1.32	1.66	1.90	2.38	2.88	3.50	4.50	5.56	6.63	8.63	10.8	12.8	
	E	5/16	5/16	5/16	5/16	5/16	5/16	5/16	5/16	3/8	3/8	3/8	1/2	1/2	1/2	
	F	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	3/4	3/4	3/4	
	G	.04	.06	.06	.06	.06	.06	.06	.06	.08	.10	.10	.10	.10	.10	.20
	Wt	.13#	.20#	.33#	.50#	.75#	1#	2.3#	2.8#	5.5#	8#	15#	25#	36#	47#	
	A	Length Overall			B	Length Hose Shank			C	Hose Shank Size						
D	Outside Diameter			E	Groove Width			F	Length to Groove							
G	Depth of Groove															

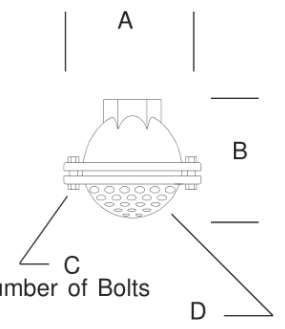
Hose Nipple - Welding (Dimensions)

General Dimensions for Hose Nipples (Welding)

DIMENSIONS															
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
	A	2.9	3.2	3.4	3.6	4.0	4.6	5.5	6.0	7.3	8.7	10.0	12.4	12.8	13.8
	B	1.5	1.5	1.6	1.8	1.9	2.5	2.9	3.0	3.9	5.4	6.5	7.9	7.5	10.0
	C	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
	D	.84	1.05	1.32	1.66	1.90	2.38	2.88	3.50	4.50	5.56	6.63	8.63	10.8	12.8
	Wt	.14#	.22#	.40#	.52#	.83#	1.3#	2.4#	3#	6#	8.3#	16#	25#	36#	47#
A	Length Overall	B		Length Hose Shank				C	Hose Shank Size						
D	Outside Diameter														

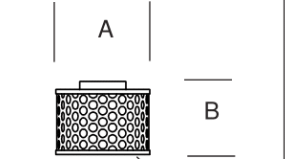
Foot Valve (Dimensions)

Dimensions for the Foot Valve

DIMENSIONS								
		1½	2	2½	3	4	6	8
	A	4-1/2"	5-3/4"	6-1/2"	7-1/4"	8-3/4"	11-1/2"	14-3/4"
	B	4"	5-1/4"	5-7/8"	6-1/2"	9"	10-3/4"	15-1/2"
	C	3	3	3	4	4	5	6
	D	1/4"	1/4"	1/4"	5/16"	3/8"	3/8"	3/8"
	Wt	3#	5#	6-1/2#	8-1/4#	17#	47#	88#
Number of Bolts								
Max size of openings								

Strainer - Round Hole (Dimensions)

Dimensions for the Round Hole Strainer

DIMENSIONS										
		1½	2	2½	3	4	6	8	10	12
	A	5"	6"	6"	7"	7"	9"	11"	15"	17"
	B	4"	4"	4"	5"	5"	9"	11"	18"	25"
	C	3/8"	3/8"	3/8"	3/8"	3/8"	1"	1"	1"	1"
	Wt.	1.5#	2#	2#	3#	3#	11#	22#	47#	65#
Maximum size of openings										

Technical Information

2 Bolt Clamps (Torque Specifications)

Hose ID	Hose OD Min	Hose OD Max	Plated Iron	Torque (ft. lbs.)
3/8"	44/64"	48/64"	62BC038	6
1/2"	60/64"	11/64"	62BC050A	12
1/2"	11/64"	112/64"	62BC050B	12
3/4"	112/64"	120/64"	62BC075A	21
3/4"	120/64"	132/64"	62BC075B	21
3/4"	132/64"	144/64"	62BC075C	21

2 Bolt Clamp (Bolt Tightening Sequence)

Using a torque wrench begin tightening the bolts as follows:

- First Bolt (Nut facing assembler) - **1 Full Turn**
- Second Bolt (Opposite First Bolt) - **1 Full Turn**
- Repeat above procedure until all of the bolts have reached the recommended torque.
- Remove assembly from vise.

4 Bolt Clamps (Torque Specifications)

Hose ID	Hose OD Min	Hose OD Max	Plated Iron	Torque (ft. lbs.)
1"	134/64"	146/64"	62BC100	21
11/4"	28/64"	224/64"	62B19	40
11/2"	230/64"	246/64"	62BC150C	40
11/2"	236/64"	248/64"	62B25	40
2"	232/64"	250/64"	62BC200A	60
2"	248/64"	34/64"	62BC200B	60
2"	36/64"	328/64"	62BC200C	60
3"	332/64"	360/64"	62B34	150
3"	452/64"	412/64"	62BC300A	150
3"	44/64"	428/64"	62BC300B	200

4 Bolt Clamp (Bolt Tightening Sequence)

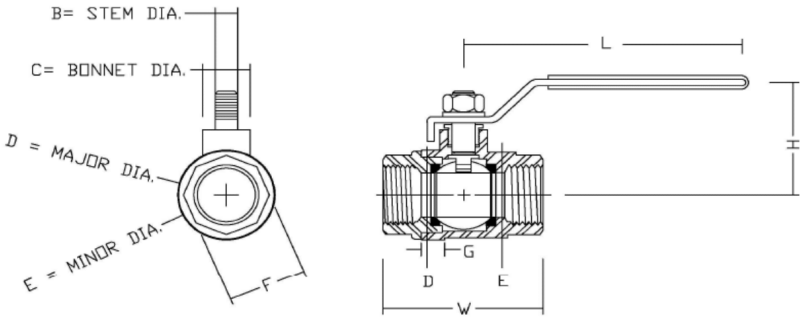
Using a torque wrench begin tightening the bolts as follows:

- Back Bolt (Bolt with nut facing assembler that is furthest away from gripping finger) - **1 Full Turn**
- Front Bolt (Bolt with nut facing assembler that is closest to gripping finger) - **1 Full Turn**
- Nuts on opposite side of bolts just torqued (if bolts are loose) - **Snug by Hand**
- Opposite side back bolt (Bolt with nut facing assembler furthest away from gripping finger) - **1 Full Turn**
- Opposite side front bolt (Bolt with nut facing assembler closest to gripping finger) - **1 Full Turn**
- Nuts on opposite side of bolts just torqued (if bolts are loose) - **Snug by Hand**
- Repeat above procedure until all of the bolts have reached the recommended torque.
- Remove assembly from vise.

Heavy Duty Ball Valve (Dimensions)

General Dimensions for NECO Heavy Duty Ball Valves

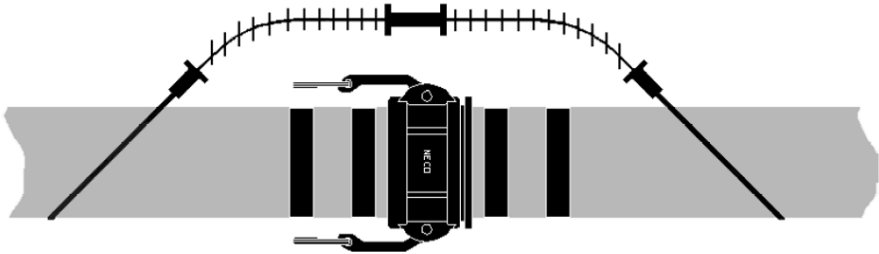
SIZE	B STEM DIAMETER	C BONNET DIAMETER	D BODY MAJOR DIA	E BODY MINOR DIA	F WRENCH FLATS	G ENGAGEMENT LENGTH	W LENGTH OVERALL	H HANDLE HEIGHT	L HANDLE LENGTH	A HANDLE WIDTH	GROSS WEIGHT (GRAMS)
1/4"	8 (0,-0.1)	15 (±0.3)	24 (+0.3,-0.2)	23 (+0.3,-0.2)	17 (±0.3)	8 (±1)	44 (±1)	42.7	88	15	139 (±5%)
3/8"	8 (0,-0.1)	15 (±0.3)	24 (+0.3,-0.2)	23 (+0.3,-0.2)	20 (±0.3)	8 (±1)	44.5 (±1)	42.7	88	15	138 (±5%)
1/2"	8 (0,-0.1)	15 (±0.3)	31 (+0.3,-0.2)	29 (+0.3,-0.2)	25 (±0.3)	9 (±1)	57 (±1)	46	88	15	209 (±5%)
3/4"	10 (0,-0.1)	20 (±0.3)	37 (+0.3,-0.2)	35 (+0.3,-0.2)	31 (±0.3)	10 (±1)	64 (±1)	53.2	109	17.5	340 (±5%)
1"	10 (0,-0.1)	20 (±0.3)	47 (+0.3,0.4)	45 (+0.3,0.4)	38 (±0.3)	12 (±1)	75.5 (±1)	57.2	109	19.5	512 (±5%)
1-1/4"	14 (0,-0.1)	24 (±0.4)	58 (+0.3,-0.4)	56 (+0.3,-0.4)	48 (±0.4)	13 (±1)	87.5 (±1)	64.2	143	19.5	794 (±5%)
1-1/2"	14 (0,-0.1)	24 (±0.4)	70 (+0.4,-0.4)	68 (+0.4,-0.4)	54 (±0.4)	15 (±1)	98.5 (±1)	69.7	143	19.5	1066 (±5%)
2"	14 (0,-0.1)	24 (±0.4)	86 (+0.5,-0.4)	84 (+0.5,-0.4)	67 (±0.4)	15 (±1)	109 (±1)	77.2	200	22	1560 (±5%)
2-1/2"	18 (0,-0.1)	32 (±0.5)	108 (±0.7)	106 (±0.7)	80 (±0.5)	20 (±1)	140.5 (±1)	108	197	30	3275 (±5%)
3"	18 (0,-0.1)	32 (±0.5)	122 (±0.7)	119 (±0.7)	96 (±0.5)	20 (±1)	156 (±1)	116.5	208	30	4535 (±5%)
4"	22 (0,-0.1)	38 (±0.6)	161 (±0.7)	155 (±0.7)	124 (±0.6)	28 (±1)	198 (±1)	139.5	235	30	9140 (±5%)



Safety Cables

- Recommended for all Pressurized Hose Connections.
- Spring loaded galvanized steel safety cables loop over each hose to prevent the hoses from whipping in case of accidental separation of the couplings.

Recommended for all Pressurized Hose Connections



Galvanized Steel safety cables loop over each hose to help prevent the hoses from whipping in the case of accidental separation of the couplings or clamps.

Item # System Guide

NECO Product Categories

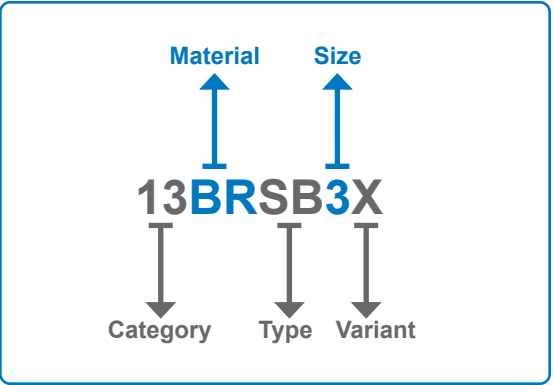
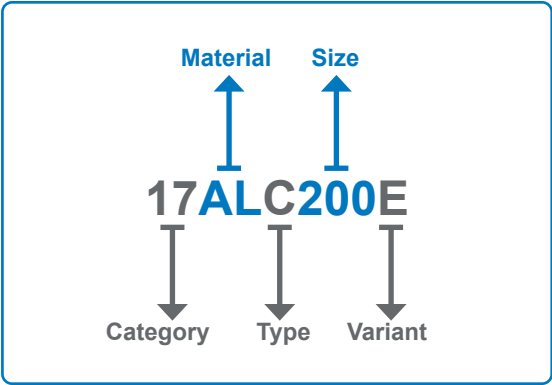
Category system for NECO Item Numbers

Category	Description
12	Camlock Fitting (Specialty)
13	Sandblast Couplings
14	Component Parts
15	Gaskets
17	Camlock Fittings
21	Air Hose Fittings
25	Long Shank Couplings
27	Ground Joint Couplings
31	Hose Nipples & Menders
36	Valves
41	Polyglass Couplings
62	Clamps
81	Bauer Style Couplings
91	Foot Valves
93	Strainers

- Camlock Fittings (Cam & Groove Couplings)** is a common form of hose coupling used in applications such as chemical trucks, fuel tanker trucks, and septic tank pump trucks. ** Not for compressed air or steam service! **
- Sandblast Couplings** are primarily comprised of three types. **Hose Couplings** that are for hose-to-hose or hose-to-pot connections. **Threaded Couplings** that are threaded onto the blasting pot. **Nozzle Holders** accept the male end of the blast nozzle.
- Air Hose Fittings (Chicago Couplings / Crow's Foot Couplings)** are used to connect airlines from air sources (compressors) to pneumatic equipment and tools. Air Hose Fittings are for open-air and water systems. ** Not for steam service! **
- Ground Joint Couplings** are an all-purpose hose coupling, widely used for air, water, and steam.
- Long Shank Couplings** are for medium pressure air, water, sanitary and liquids in suction or discharge service.
- Hose Menders** are for the purpose of repairing hoses. After the removal of the damaged section, each end of the mender is inserted into the remaining good ends of the hose.
- Combination Hose Nipples** used in a variety of fluid applications. Male NPT End mates with foot valves, strainers, and camlock couplings.
- Strainers** are used on the submerged end of suction hose to prevent debris from entering the pump during operation.
- Foot Valves** are used on the submerged end of the suction hose to prevent the pump from losing its prime when it's shut down. (Foot Valves have a built-in strainer to prevent debris from entering during operation)
- Safety Cables (Whip Checks)** are used for the prevention of hose whip in case of accidental separation of a coupling or clamping device.

Camlock & Sandblast Coupling Item# Guide

Item# System for Camlock & Sandblast Couplings



Category	Description
12	Camlock Fitting (Specialty)
17	Camlock Fitting
41	Camlock Fitting (Plastics)

Material	Description
AL	Aluminum
BR	Brass
DP	Plated Ductile Iron
PG	Polyglass
SS	Stainless Steel

Types	Description
A, B, C, D, E, F, DC, DP	Standard
AR, BR, CR, DR, ER, FR, DA	Reducer
AA, DD	Spool
FLA, TTA, TTC	Flange
AW--, BW--, DW--	Weld
DCL	Padlock Dust Cap
DCV	Vented Dust Cap
DPV	Vented Dust Plug

Variant	Description
E	Economy
HW	Heavy Wall
DBL	Double Lock
HC	Hard Coat
SS	SS Handles (AL Camlocks)
L	Long (DA)
LT	Long w/Port for attachment (DA)
S	Short (DA)

Category	Description
13	Sandblast Couplings


Material	Description
AL	Aluminum
BR	Brass
DP	Steel
NY	Nylon

Type	Description
Q	Crowfoot x Hose Sleeve
SB	Crowfoot x Female Threaded
HE	NPS Threaded x Hose Sleeve
MHE	Contractor Threaded x Hose Sleeve

Variant	Description
X	Full Port
F	Flange
S	NPS (SB)
A	Smaller (Hose OD)
M	33mm (Hose OD)

Proposition 65 Information

As a company that may sell or distribute NECO products, (couplings, adapters, fittings, inserts, clamps, and valves), to California consumers or to entities that may sell NECO products to California consumers, NECO is obligated to notify you of the following information:

- So long as it is prominently displayed on the product or the packaging of the product, the following warning complies with the Proposition 65 Requirements:
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WARNING: Cancer and Reproductive Harm -
www.P65Warnings.ca.gov
- Regarding internet-only sales, if the product is not labeled with the required warning, there must be a warning message by a clearly marked hyperlink on the product display page or otherwise prominently displayed to the purchaser before the purchaser completes the purchase of the product.

Hose Coupling Safety:

- **Air, Steam, and Gas Couplings** are some of the most dangerous hose coupling connections. They can separate with explosive force and cause serious injuries or death. Use hose retaining devices. Check connections regularly. Do not use universal Air Hose couplings for steam service. The use of Safety Cables is recommended for all pressurized hose connections.
- **Camlock Couplings** conveying bulk products with compressed air/gas create a hazardous condition. The hose tends to whip or buck as the material moves through the hose. This snapping motion of the hose puts added stress on the fittings and increases the possibility of failure. Tie off the hose ends to protect against the accidental separation of the lines and to prevent whipping or bucking of the hose. The use of Safety Cables is recommended for all pressurized hose connections.
- **Blast Couplings** conveying silica sand create a hazardous condition. Silica sand creates silica dust which can cause respiratory diseases. Operators must follow the Media-Blasting Machine Manufacturer's and OSHA safety guidelines when working with silica sand.
- **Fluid Hose Couplings** frequently convey petroleum products or other hazardous liquids. Special caution should be exercised because of the potential hazards inherent with the product being conveyed.
- **All Hose Assemblies** are potential hazards. Do not stand or position yourself where you are subject to hazards from accidental pressure releases.

General Safety:

- Be aware of how much pressure the hose assembly will be subjected to and do not exceed the manufacturer's recommended pressure ratings.
- Match product to be conveyed with the proper hose and couplings.
- Pressure test the hose assembly before application to ensure tight and leak-free assembly of hose, coupling, and clamps.
- Check couplings and hose clamps regularly and tighten or replace them if necessary.
- Worn out couplings and components should be replaced promptly.
- Use retaining devices such as safety cables, chains, or clips to prevent accidental separation.
- All hose assemblies should be treated as potential hazards.

Camlock Coupling Safety Precautions:

- Low-pressure connection.
- Match product to be conveyed with proper alloy couplings.
- Pressure test the hose assembly before application to ensure tight and leak-free assembly of hose, coupling, and clamp.
- Liquidized dry products are more abrasive than liquids. In those applications, couplings should be frequently checked for excessive wear and replaced when necessary.
- Pressurized media creates hazardous conditions. Tie-Off hose ends to guard against the accidental separation of lines and to help prevent whipping or bucking of the hose.
- Use Safety Clips in handle locking device to ensure against accidental opening of handle.

Sandblast Coupling Safety Precautions:

- Maximum recommended operating pressure: Brass & Steel = 175 PSI, Aluminum = 150 PSI, Nylon = 125 PSI
- Use safety clips in holes provided on each coupling. Use Steel Safety Cables to guard against the accidental separation of lines.
- Pressurized media creates hazardous conditions. The hoses can separate with explosive force. Tie-off hose to prevent whipping or bucking of the hose.
- Due to the abrasive nature of the product being conveyed, couplings and gaskets should be frequently checked for excessive wear and replaced when necessary.
- Blasting operations create dust. Dust is unsafe to breathe. Blasting with silica sand creates silica dust which can cause respiratory diseases. Operators must follow the Media-Blasting Machine Manufacturer's & OSHA recommendations pertaining to respirators when working with dust.

Air Hose Coupling Safety Precautions:

- 175 PSI Maximum recommended operating pressure: coupling joint only - not hose retention.
- Pressurized media creates hazardous conditions. The hoses can separate with explosive force.
- Use safety clips in holes provided on each coupling. Use steel safety cables to guard against the accidental separation of lines. Tie-Off hose to prevent whipping or bucking of the hose.
- Not for steam services. Universal Crowfoot couplings are for Air and Water service only.

Ground Joint Coupling Safety Precautions:

- 175 PSI Maximum recommended operating pressure: coupling joint only - not hose retention.
- Not for steam services. Universal Crowfoot couplings are for Air and Water service only.

Bauer-Style Coupling Safety Precautions:

- Maximum recommended operating pressure: Type A = 75 PSI, Type B = 150 PSI
- Recommended for Suction Lines and Agriculture Irrigation Lines.
- Not recommended for chemical or hazardous material.

Hose Clamp Safety Precautions:

- Do not over-tighten bolts when installing.
- Check clamp assemblies regularly during use to ensure that bolts are tight.

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