



The Right Connection®



Cam & Groove Couplings and Accessories

dixonvalve.com

Customer Service

877.963.4966

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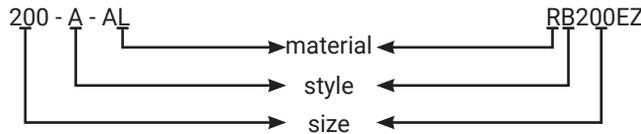
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Ordering System



Size represents the coupler or adapter and hose or pipe end (i.e. 200 = 2"). If the coupling is a jump size, the coupler or adapter is the first size (i.e. 4030-C is 4" coupler to 3" hose shank).

Operation of Cam & Groove

1. To make connection, slide the adapter into the coupler and, with normal hand pressure, press the cam levers down.
2. Uncoupling is as quick and simple as coupling. Just lift the cam levers and remove the adapter.

Specifications on Dixon® Cam & Groove

Specifications

- Dixon, Boss-Lock, and EZ Boss-Lock cam & groove couplers and adapters are produced to interchange with all product produced to Commercial Item Description A-A-59326D.
- No standard exists for the 1/2", 5", and 8" fittings, and generally these sizes do not interchange with other manufacturers' products.
- Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.
- *Designed for use with liquids*; consult Dixon for specific recommendations.

Pressure Ratings

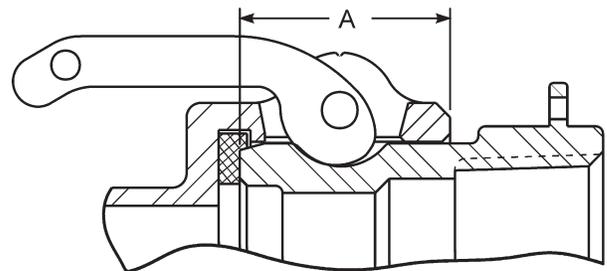
Recommendations based on the use of mating Dixon fittings at ambient temperature **70°F (21°C)** with standard nitrile rubber seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon. Dixon, Boss-Lock, and EZ Boss-Lock couplers' and adapters' maximum working pressures are as follows:



| Size | 1/2" | 3/4" thru 2" | 2-1/2" | 3" | 4" | 5" and 6" | 8" |
|---|------|--------------|--------|-----|-----|-----------|----|
| PSI | 150 | 250 | 150 | 125 | 100 | 75 | 50 |
| PSI (working pressure with King Crimp® ferrule system) | 150 | 250 | 150 | 150 | 150 | 75 | 50 |

Cam & Groove Nominal Take-Up Lengths

| Coupling Size | Dimension A |
|---------------|-------------|
| 1/2" | 0.97" |
| 3/4" | 0.97" |
| 1" | 1.20" |
| 1-1/4" | 1.44" |
| 1-1/2" | 1.50" |
| 2" | 1.81" |
| 2-1/2" | 1.82" |
| 3" | 1.78" |
| 4" | 1.84" |
| 5" | 2.00" |
| 6" | 2.13" |
| 8" | 2.06" |
| 8" | 3.22" |

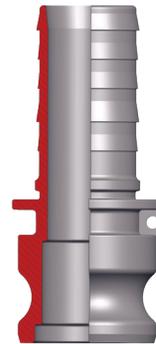


Cam & Groove Configurations

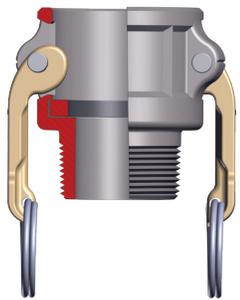
Configurations are representative of the Dixon® line of cam & groove.



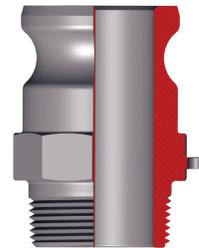
Type A
adapter x female NPT



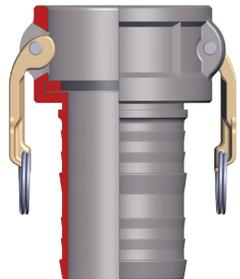
Type E
adapter x hose shank



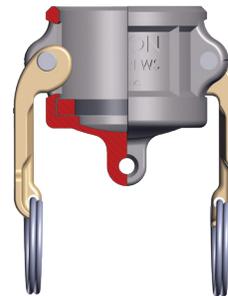
Type B
coupler x male NPT



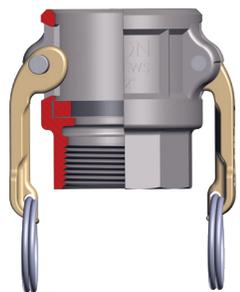
Type F
adapter x male NPT



Type C
coupler x hose shank



Type DC¹
dust cap



Type D
coupler x female NPT



Type DP¹
dust plug



¹ Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons.

WARNING

Under no circumstances should cam & groove couplings be used for compressed air or steam service!

Dixon® Cam & Groove Styles

Dixon

Features

- Precision machined to rigid tolerances
- Durable stainless steel cam arm pins will not rust or bind, providing greater strength and safety
- Recess holds gasket firmly in place - ensures proper placement
- Long shank design allows proper banding, thus eliminating the major cause of hose damage



Dixon Global

Features

- Interchanges with all products produced to A-A-59326D
- All couplers include locking safety clip
- Aluminum couplers available with brass or stainless steel cam arms
- Brass fittings are produced by forging process providing greater structural integrity and mechanical strength



Boss-Lock

Features

- The cast-in lugs allow safety clips to be attached once the lugs are passed through slots in the special cam lever arms, providing a patented safety feature. The clips prevent the coupler from being unlocked until they are removed, providing a *positive locking action*.
- Boss-Lock investment stainless steel cam arms are guaranteed! Should you break a Boss-Lock investment stainless steel cam arm, return it to the nearest warehouse for a free replacement.
- The pull ring safety clip simplifies the locking action on Boss-Lock couplers. No more inserting clips or dangling lanyards, just a twist and it's locked, giving you a low-profile positive locking action.



EZ Boss-Lock

Features

- No more fumbling with clamps, wire, clips, or pins, just close the handles and the locking mechanism is engaged
- Extremely easy to open, the release lever is under your thumb when you want to open the fitting; ergonomic
- Can be supplied with custom shanks; also available with swaged and PF shanks for hard-to-couple chemical hoses
- EZ Boss-Lock investment stainless steel cam arms are guaranteed! Should you break one, return it to the nearest warehouse for a free replacement.



Dixon® Cam & Groove Styles



Vent-Lock® Safety

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Vent-Lock L-style fittings



New



Venting EZ Boss-Lock

Features

- Unique Dixon system for safely venting systems under pressure
- Utilizes EZ Boss-Lock cam arms in addition to EZLink® tabs that create a secondary positive locking mechanism
- Connects to standard cam & groove adapters
- Design allows for a more ergonomic and safe experience for user



EZLink® Armless

Features

- Automatic couplers push-to-connect, providing a reliable connection
- Coupler tabs cannot be pushed to disconnect when pressurized to **20 PSI** or over
- Low profile allows easy connection and disconnection in tight applications
- Coupler push tabs can be locked with safety pins and/or zip tie

Crimp Fittings

Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon® products.



Cam & Groove

Styles offered

- Dixon type C couplers
- EZ Boss-Lock type C couplers
- Dixon type E adapters
- Global type C couplers
- Global type E adapters

Sizes

- 1", 1-1/4", 1-1/2", 2", 3", 4", 6"

Materials

- 356T6 aluminum
- Brass
- 316 stainless steel
- Unplated ductile iron



Sleeves and Ferrules

Styles offered

- Sleeve (1", 1-1/4", 1-1/2", 2", 3", 4", 6")
- Ferrule (1", 1-1/4", 1-1/2", 2", 3", 4", 6")

Materials

- Carbon steel
- 304 stainless steel
- Aluminum (1", 1-1/4", 1-1/2", and 2" sleeves)



- For a complete listing of products in the King Crimp® system please visit dixonvalve.com.
- Contact Dixon at 877.963.4966 for specific crimp recommendations.

Swivel Couplings Cam & Groove



Features

- Live swivel is capable of 360° rotation under pressure
- Nitrile rubber or FKM X-ring seals for reduced friction and high stability in dynamic applications
- Couplers include EZ Boss-Lock cam arms

Material

- Gasket, pressure seal, and dust seal: nitrile rubber or FKM

Type A Adapters Adapter and Female NPT



| Size | 356T6 Aluminum | | 316 Stainless Steel | |
|--------|---------------------|---------------------|---------------------|---------------------|
| | Part # ¹ | Part # ² | Part # ¹ | Part # ² |
| 1" | 100-A-ALSWIV | 100-A-ALSWIVVI* | 100-A-SSSWIV | 100-A-SSSWIVVI* |
| 1-1/2" | 150-A-ALSWIV | 150-A-ALSWIVVI* | 150-A-SSSWIV | 150-A-SSSWIVVI* |
| 2" | 200-A-ALSWIV | 200-A-ALSWIVVI* | 200-A-SSSWIV | 200-A-SSSWIVVI* |
| 3" | 300-A-ALSWIV | 300-A-ALSWIVVI | 300-A-SSSWIV | 300-A-SSSWIVVI |
| 4" | 400-A-ALSWIV | 400-A-ALSWIVVI* | 400-A-SSSWIV | 400-A-SSSWIVVI* |

Type C Couplers Coupler and Hose Shank



| Size | 356T6 Aluminum | | 316 Stainless Steel | |
|--------|---------------------|---------------------|---------------------|---------------------|
| | Part # ¹ | Part # ² | Part # ¹ | Part # ² |
| 1" | AC100EZSWIV | AC100EZSWIVVI* | RC100EZSWIV | RC100EZSWIVVI* |
| 1-1/2" | AC150EZSWIV | AC150EZSWIVVI* | RC150EZSWIV | RC150EZSWIVVI* |
| 2" | AC200EZSWIV | AC200EZSWIVVI* | RC200EZSWIV | RC200EZSWIVVI |
| 3" | AC300EZSWIV | AC300EZSWIVVI | RC300EZSWIV | RC300EZSWIVVI* |
| 4" | AC400EZSWIV | AC400EZSWIVVI* | RC400EZSWIV | RC400EZSWIVVI* |

Type D Couplers Coupler and Female NPT



| Size | 356T6 Aluminum | | 316 Stainless Steel | |
|--------|---------------------|---------------------|---------------------|---------------------|
| | Part # ¹ | Part # ² | Part # ¹ | Part # ² |
| 1" | AD100EZSWIV | AD100EZSWIVVI* | RD100EZSWIV | RD100EZSWIVVI* |
| 1-1/2" | AD150EZSWIV | AD150EZSWIVVI* | RD150EZSWIV | RD150EZSWIVVI* |
| 2" | AD200EZSWIV | AD200EZSWIVVI* | RD200EZSWIV | RD200EZSWIVVI |
| 3" | AD300EZSWIV | AD300EZSWIVVI* | RD300EZSWIV | RD300EZSWIVVI |
| 4" | AD400EZSWIV | AD400EZSWIVVI* | RD400EZSWIV | RD400EZSWIVVI |

Type E Adapters Adapter and Hose Shank



| Size | 356T6 Aluminum | | 316 Stainless Steel | |
|--------|---------------------|---------------------|---------------------|---------------------|
| | Part # ¹ | Part # ² | Part # ¹ | Part # ² |
| 1" | 100-E-ALSWIV | 100-E-ALSWIVVI* | 100-E-SSSWIV | 100-E-SSSWIVVI* |
| 1-1/2" | 150-E-ALSWIV | 150-E-ALSWIVVI* | 150-E-SSSWIV | 150-E-SSSWIVVI* |
| 2" | 200-E-ALSWIV | 200-E-ALSWIVVI* | 200-E-SSSWIV | 200-E-SSSWIVVI* |
| 3" | 300-E-ALSWIV | 300-E-ALSWIVVI* | 300-E-SSSWIV | 300-E-SSSWIVVI* |
| 4" | 400-E-ALSWIV | 400-E-ALSWIVVI* | 400-E-SSSWIV | 400-E-SSSWIVVI* |

¹ Gasket, pressure seal, and dust seal: nitrile rubber

² Gasket, pressure seal, and dust seal: FKM

* Parts are made to order. Please contact Dixon for price and delivery

NOTE: Hose shanks are compatible with King Crimp® sleeves and ferrules; for a complete listing of products in the King Crimp system please visit dixonvalve.com.

Venting EZ Boss-Lock Cam & Groove

Application

- Transfer of fluids and solids, with a safe disconnection



Sizes

- 2", 3", and 4"

Features

- In the event of an accidental disconnection under pressure, the venting feature retains the coupling and allows the stored pressure to vent off
- Provides a venting feature when used with standard cam adapters
- The safety venting feature of this coupling doesn't require a special adapter to work as a system

Materials

- Couplings and dust caps: 316 stainless steel, 356T6 aluminum
- Gasket: Nitrile rubber

Type B Coupler Coupler x Male NPT

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | ALBEZ200 | RLBEZ200 |
| 3" | ALBEZ300 | RLBEZ300 |
| 4" | ALBEZ400 | RLBEZ400 |



Type C Coupler Coupler x Hose Shank

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | ALCEZ200 ¹ | RLCEZ200 ¹ |
| 3" | ALCEZ300 ¹ | RLCEZ300 ¹ |
| 4" | ALCEZ400 ¹ | RLCEZ400 ¹ |



¹ Hose drop shank

Type D Coupler Coupler x Female NPT

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | ALDEZ200 | RLDEZ200 |
| 3" | ALDEZ300 | RLDEZ300 |
| 4" | ALDEZ400 | RLDEZ400 |



Type H Dust Cap

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | ALHEZ200 | RLHEZ200 |
| 3" | ALHEZ300 | RLHEZ300 |
| 4" | ALHEZ400 | RLHEZ400 |



EZLink® Armless Type C Couplers

Applications

- Transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks
- Transfer of liquids compatible with the available coupling and gasket materials

Features

- Automatic couplers push-to-connect, providing a reliable connection
- Low profile allows easy connection and disconnection in tight applications
- Coupler push tabs can be locked with safety pins and/or zip tie
- Compatible with standard cam & groove adapters
- Lifetime warranty on stainless steel tabs

Materials

- Couplings and dust caps: 356T6 aluminum, 316 stainless steel
- Coupler tabs and springs: 316 stainless steel
- Gasket: nitrile rubber

Specifications

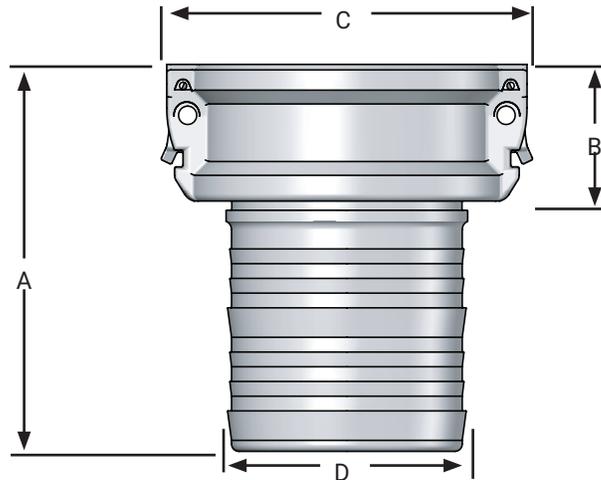
- Maximum working pressure with King Crimp® ferrules: 1-1/2" - 2" **250 PSI**, 3" and 4" **150 PSI**
- Maximum working pressure with crimp sleeves: 1-1/2" - 2" **250 PSI**, 3" **125 PSI**, 4" **110 PSI**
- Maximum working pressure with band clamps: 1-1/2" - 2" **250 PSI**, 3" **125 PSI**, 4" **100 PSI**
- Gasket temperature range: **5°F to 180°F (-15°C to 82°C)**



Only use EZLink gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals, are not compatible and will fail.



| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|--------------------------|-------------------------------|
| 1-1/2" | EZL150-C-AL | EZL150-C-SS |
| 2" | EZL200-C-AL | EZL200-C-SS |
| 3" | EZL300-C-AL | EZL300-C-SS |
| 4" | EZL400-C-AL | --- |



356T6 Aluminum Dimensions

| Size | 1-1/2" | 2" | 3" | 4" |
|------------------------|---------|----------|---------|---------|
| A overall length | 4-5/16" | 5-9/16" | 6-1/2" | 6-9/16" |
| B coupler length | 2-1/16" | 2-3/16" | 2-5/16" | 2-5/16" |
| C distance across ears | 3-9/32" | 3-21/32" | 5-3/32" | 6-3/16" |
| D hose shank O.D. | 1-9/16" | 2-1/16" | 3-3/32" | 4-3/32" |

316 Stainless Steel Dimensions

| Size | 1-1/2" | 2" | 3" |
|------------------------|---------|----------|---------|
| A overall length | 4-5/16" | 5-9/16" | 6-1/2" |
| B coupler length | 2-1/16" | 2-3/16" | 2-5/16" |
| C distance across ears | 3-9/32" | 3-21/32" | 5-3/32" |
| D hose shank O.D. | 1-9/16" | 2-1/16" | 3-3/32" |

EZLink® Armless Type B Couplers

Applications

- Transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks
- Transfer of liquids compatible with the available coupling and gasket materials

Features

- Automatic couplers push-to-connect, providing a reliable connection
- Low profile allows easy connection and disconnection in tight applications
- Coupler push tabs can be locked with safety pins and/or zip tie
- Compatible with standard cam & groove adapters
- Lifetime warranty on stainless steel tabs

Materials

- Couplings and dust caps: 356T6 aluminum, 316 stainless steel
- Coupler tabs and springs: 316 stainless steel
- Gasket: nitrile rubber

Specification

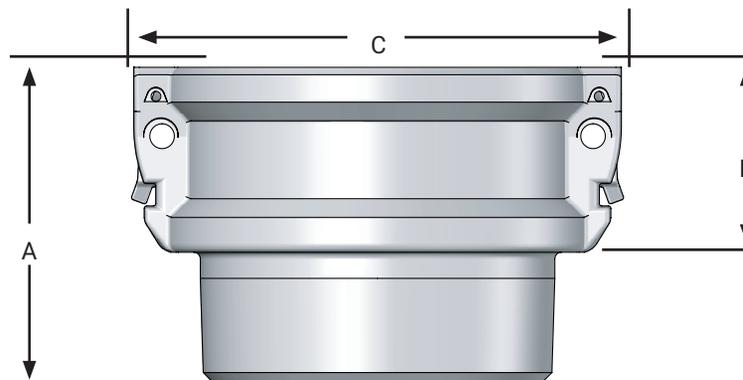
- Gasket temperature range: 5°F to 180°F (-15°C to 82°C)

Only use EZLink gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals, are not compatible and will fail. 



Coupler x Male NPT

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-----------------------|----------------------------|
| 1-1/2" | EZL150-B-AL | EZL150-B-SS |
| 2" | EZL200-B-AL | EZL200-B-SS |
| 3" | EZL300-B-AL | EZL300-B-SS |
| 4" | EZL400-B-AL | --- |



356T6 Aluminum Dimensions

| Size | 2" | 3" | 4" |
|------------------------|----------|---------|----------|
| A overall length | 3-7/32" | 3-7/8" | 3-15/16" |
| B coupler length | 2-3/16" | 2-5/16" | 2-5/16" |
| C distance across ears | 3-21/32" | 5-3/32" | 6-3/16" |

316 Stainless Steel Dimensions

| Size | 2" |
|------------------------|----------|
| A overall length | 3-3/16" |
| B coupler length | 2-3/16" |
| C distance across ears | 3-21/32" |

EZLink® Armless Type D Couplers

Applications

- Transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks
- Transfer of liquids compatible with the available coupling and gasket materials

Features

- Automatic couplers push-to-connect, providing a reliable connection
- Low profile allows easy connection and disconnection in tight applications
- Coupler push tabs can be locked with safety pins and/or zip tie
- Compatible with standard cam & groove adapters
- Lifetime warranty on stainless steel tabs

Materials

- Couplings and dust caps: 356T6 aluminum, 316 stainless steel
- Coupler tabs and springs: 316 stainless steel
- Gasket: nitrile rubber

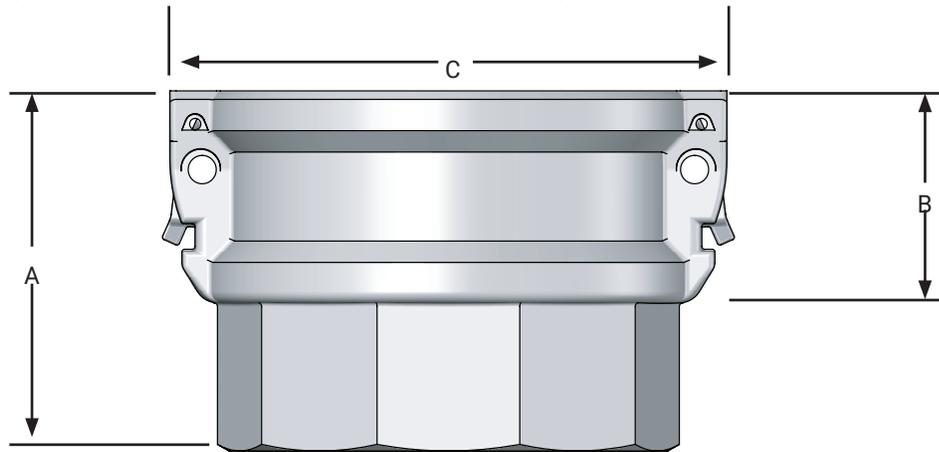
Specification

- Gasket temperature range: 5°F to 180°F (-15°C to 82°C)

Only use EZLink gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals, are not compatible and will fail. 



| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|--------------------------|-------------------------------|
| 1-1/2" | EZL150-D-AL | EZL150-D-SS |
| 2" | EZL200-D-AL | EZL200-D-SS |
| 3" | EZL300-D-AL | EZL300-D-SS |
| 4" | EZL400-D-AL | --- |



356T6 Aluminum Dimensions

| Size | 1-1/2" | 2" | 3" | 4" |
|-------------------------|---------|----------|---------|---------|
| A overall length | 3-3/32" | 5-9/16" | 6-1/2" | 6-9/16" |
| B coupler length | 2-1/16" | 2-3/16" | 2-5/16" | 2-5/16" |
| C distance across ears | 3-9/32" | 3-21/32" | 5-3/32" | 6-3/16" |
| D distance across flats | 2-3/16" | 2-1/16" | 3-3/32" | 4-3/32" |

316 Stainless Steel Dimensions

| Size | 1-1/2" | 2" | 3" |
|-------------------------|---------|----------|---------|
| A overall length | 3-3/32" | 5-9/16" | 3-7/8" |
| B coupler length | 2-1/16" | 2-3/16" | 2-5/16" |
| C distance across ears | 3-9/32" | 3-21/32" | 5-3/32" |
| D distance across flats | 2-3/16" | 2-1/16" | 3-7/8" |

EZLink® Armless Type DC Dust Caps

Applications

- Transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks
- Transfer of liquids compatible with the available coupling and gasket materials

Features

- Automatic couplers push-to-connect, providing a reliable connection
- Low profile allows easy connection and disconnection in tight applications
- Coupler push tabs can be locked with safety pins and/or zip tie
- Compatible with standard cam & groove adapters
- Lifetime warranty on stainless steel tabs

Materials

- Couplings and dust caps: 356T6 aluminum, 316 stainless steel
- Coupler tabs and springs: 316 stainless steel
- Gasket: nitrile rubber

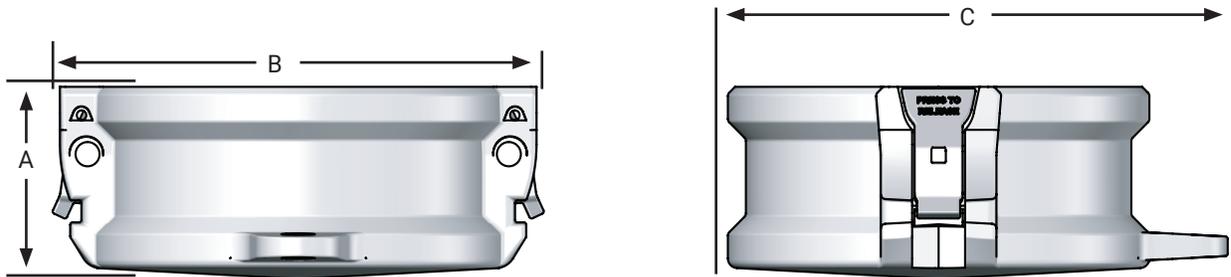


Specification

- Gasket temperature range: 5°F to 180°F (-15°C to 82°C)

Only use EZLink gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals, are not compatible and will fail. 

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-----------------------|----------------------------|
| 1-1/2" | EZL150-DC-AL | EZL150-DC-SS |
| 2" | EZL200-DC-AL | EZL200-DC-SS |
| 3" | EZL300-DC-AL | EZL300-DC-SS |
| 4" | EZL400-DC-AL | --- |



356T6 Aluminum Dimensions

| Size | 2" | 3" | 4" |
|-------------------------------|----------|---------|----------|
| A overall length | 2-3/16" | 2-5/16" | 2-5/16" |
| B distance across ears | 3-21/32" | 5-3/32" | 6-3/16" |
| C coupler O.D. with chain lug | 3-5/8" | 5-1/8" | 6-15/32" |

316 Stainless Steel Dimensions

| Size | 2" |
|-------------------------------|----------|
| A overall length | 2-3/16" |
| B distance across ears | 3-21/32" |
| C coupler O.D. with chain lug | 3-19/32" |

EZLink® Armless Cam & Groove

Replacement Kits

Feature

- Kit contains: 2 pins, 2 springs, and 2 tabs



| Size | Part # |
|---------------|--------------|
| 1-1/2" and 2" | EZL200RPLKIT |
| 3" and 4" | EZL300RPLKIT |

Replacement Gaskets



| Size | Nitrile Rubber Part # | Fluorosilicone Part # | FKM-A Part # |
|--------|-----------------------|-----------------------|--------------|
| 1-1/2" | EZL150-G-BU | EZL150-G-FV | EZL150-G-VI |
| 2" | EZL200-G-BU | EZL200-G-FV | EZL200-G-VI |
| 3" | EZL300-G-BU | EZL300-G-FV | EZL300-G-VI |
| 4" | EZL400-G-BU | EZL400-G-FV | EZL400-G-VI |

Safety Clip



| Plated Carbon Steel Part # |
|----------------------------|
| EZLCL400 |

Bottle Opener



| Brass Part # |
|--------------|
| CAMOPENER |

Vent-Lock® Safety Cam & Groove Couplings

Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Consult Dixon for availability of other materials.

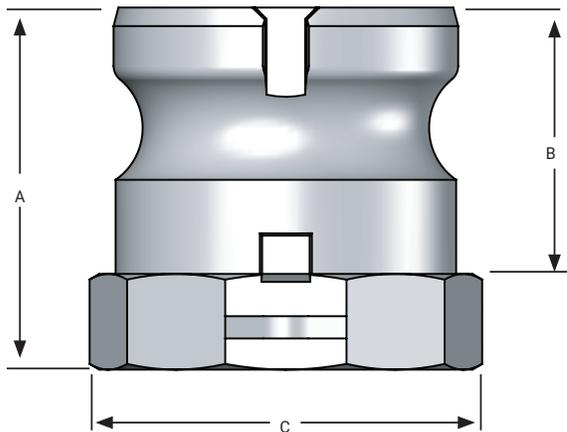
Specifications

- Rated to **250 PSI**; recommendation based on the use of mating Dixon® L-style fittings at ambient temperature **70°F (21°C)** with standard nitrile rubber seal installed. For use at elevated temperatures or other unusual operating conditions, consult Dixon
- 1", 1-1/2", and 2" sizes have a maximum working pressure of **250 PSI**
- 3" maximum working pressure **150 PSI** with King Crimp® ferrules, crimp sleeves, and bands at **125 PSI**
- 4" maximum working pressure **150 PSI** with King Crimp ferrules, crimp sleeves, and bands at **100 PSI**

Type A Adapters Adapter x Female NPT

| Size | 316 Stainless Steel Part # | Aluminum Part # |
|--------|----------------------------|-----------------|
| 1" | L100-A-SS | --- |
| 1-1/2" | L150-A-SS | --- |
| 2" | L200-A-SS | --- |
| 3" | L300-A-SS | --- |
| 4" | --- | L400-A-AL |

Vent-Lock® Type A Adapters Dimensions



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" | 3" |
|-------------------------|----------|---------|----------|----------|
| A overall length | 1-29/32" | 2-9/32" | 2-17/32" | 2-29/32" |
| B adapter length | 1-5/16" | 1-5/8" | 1-7/8" | 2" |
| C distance across flats | 1-1/2" | 2-9/32" | 2-11/16" | 3-3/4" |

Vent-Lock® Type C Couplers Coupler X Hose Shank



Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon® L-style fittings
- Safety orange cam arms
- Consult Dixon for availability of other materials

Specifications

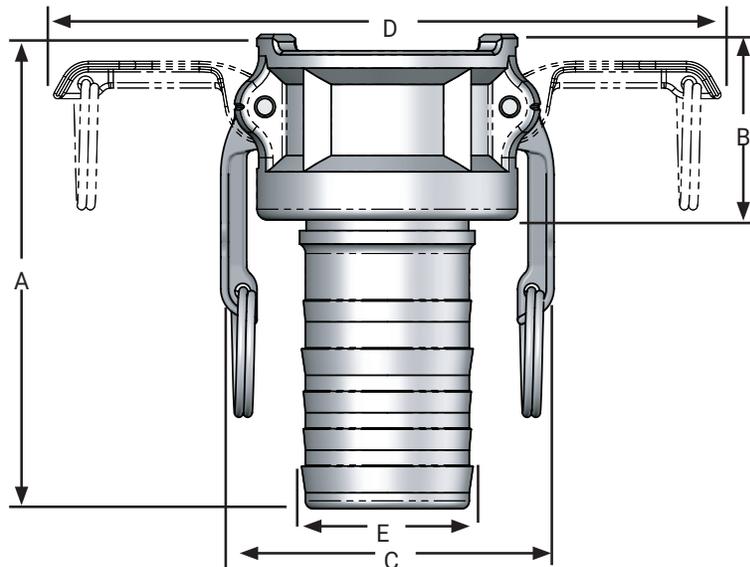
- Rated to **250 PSI**; recommendation based on the use of mating Dixon L-style fittings at ambient temperature **70°F (21°C)** with standard nitrile rubber seal installed. For use at elevated temperatures or other unusual operating conditions, consult Dixon
- 1", 1-1/2" and 2" sizes have a maximum working pressure of **250 PSI**
- 3" maximum working pressure **150 PSI** with King Crimp® ferrules, crimp sleeves, and bands at **125 PSI**
- 4" maximum working pressure **150 PSI** with King Crimp ferrules, crimp sleeves, and bands at **100 PSI**



Attachment Options

- Ferrules, sleeves, bands, and other reliable options

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | L100-C-SS |
| 1-1/2" | L150-C-SS |
| 2" | L200-C-SS |



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" |
|-----------------------------------|----------|----------|----------|
| A overall length | 4-17/32" | 4-13/16" | 5-17/32" |
| B coupler length | 1-19/32" | 1-29/32" | 2-5/32" |
| C distance across closed cam arms | 2-7/16" | 3-9/16" | 3-15/16" |
| D distance across open cam arms | 5-3/16" | 7-7/16" | 7-13/16" |
| E hose shank O.D. | 1-1/16" | 1-9/16" | 2-1/16" |

Vent-Lock® Safety EZ Boss-Lock™ Type C Couplers Coupler X Hose Shank

Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Safety orange cam arms
- Consult Dixon for availability of other materials



Specifications

- Rated to **250 PSI**; recommendation based on the use of mating Dixon® L-style fittings at ambient temperature **70°F (21°C)** with standard nitrile rubber seal installed. For use at elevated temperatures or other unusual operating conditions, consult Dixon
 - 1", 1-1/2" and 2" sizes have a maximum working pressure of **250 PSI**
 - 3" maximum working pressure **150 PSI** with King Crimp® ferrules, crimp sleeves, and bands at **125 PSI**
 - 4" maximum working pressure **150 PSI** with King Crimp ferrules, crimp sleeves, and bands at **100 PSI**

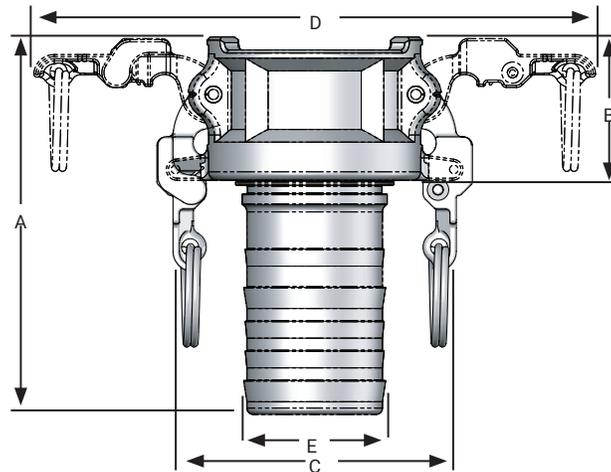


Attachment Options

- Ferrules, sleeves, bands, and other reliable options

| Size | 316 Stainless Steel Part # | Aluminum Part # |
|--------|----------------------------|-----------------------|
| 1" | RLC100EZ | --- |
| 1-1/2" | RLC150EZ | --- |
| 2" | RLC200EZ ¹ | --- |
| 3" | RLC300EZ ¹ | --- |
| 4" | --- | ALC400EZ ¹ |

¹ Has drop shank



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" | 3" |
|-----------------------------------|----------|----------|----------|----------|
| A overall length | 4-15/32" | 5" | 5-9/16" | 6-9/16" |
| B coupler length | 1-17/32" | 2-3/32" | 2-1/8" | 2-1/4" |
| C distance across closed cam arms | 3-7/32" | 4-7/32" | 4-19/32" | 5-27/32" |
| D distance across open cam arms | 6-11/32" | 7-25/32" | 8-5/32" | 9-29/32" |
| E hose shank O.D. | 1-1/16" | 1-9/16" | 2-1/16" | 3-3/32" |

Vent-Lock™ EZ Boss-Lock™ Type D Couplers

Coupler x Female NPT



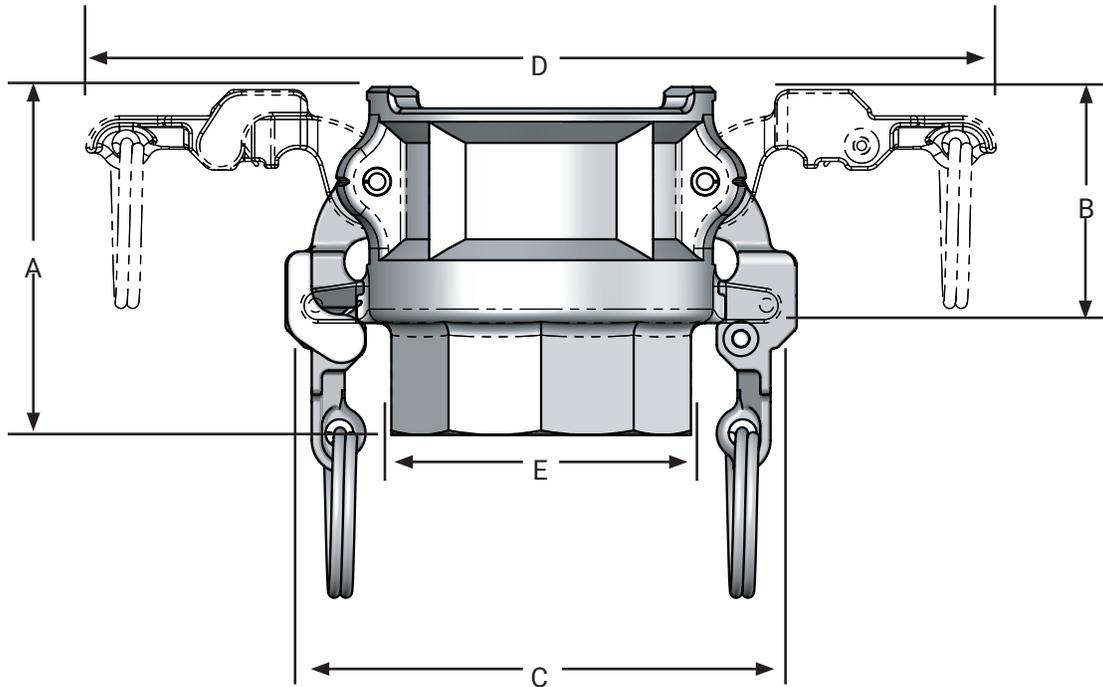
Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Safety orange cam arms
- Consult Dixon for availability of other materials

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | RLD100EZ |
| 1-1/2" | RLD150EZ |
| 2" | RLD200EZ |
| 3" | RLD300EZ |



316 Stainless Steel Dimensions

| Size | 2" |
|-----------------------------------|----------|
| A overall length | 3-1/8" |
| B coupler length | 2-1/8" |
| C distance across closed cam arms | 4-19/32" |
| D distance across open cam arms | 8-5/32" |
| E distance across flats | 2-11/16" |

Vent-Lock® Type E Adapters Adapter x Hose Shank

Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Consult Dixon for availability of other materials

Specifications

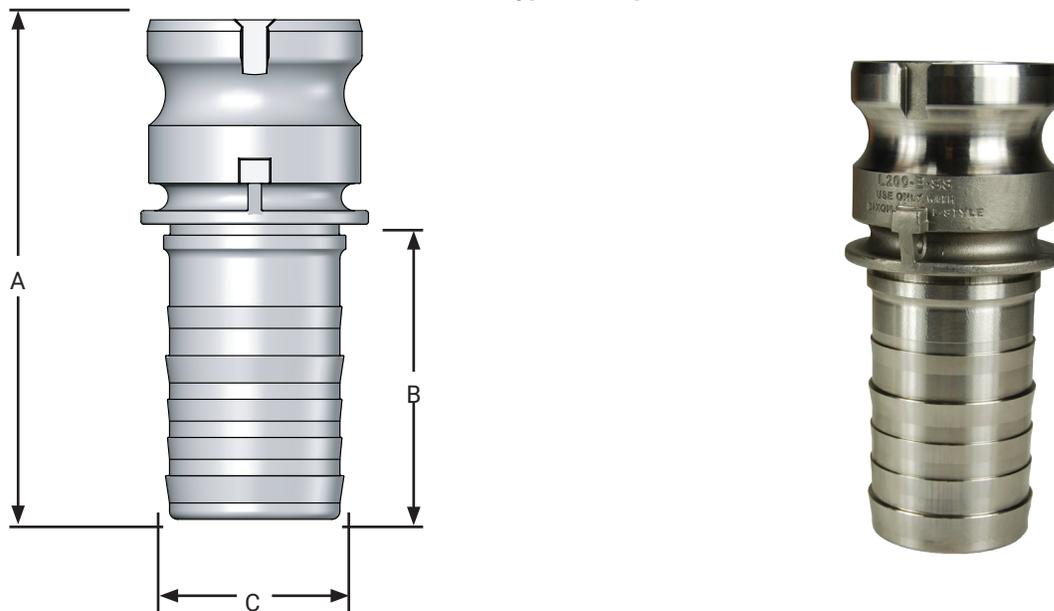
- Rated to **250 PSI**; recommendation based on the use of mating Dixon® L-style fittings at ambient temperature **70°F (21°C)** with standard nitrile rubber seal installed. For use at elevated temperatures or other unusual operating conditions, consult Dixon
 - 1", 1-1/2" and 2" sizes have a maximum working pressure of **250 PSI**
 - 3" maximum working pressure **150 PSI** with King Crimp® ferrules, crimp sleeves, and bands at **125 PSI**
 - 4" maximum working pressure **150 PSI** with King Crimp ferrules, crimp sleeves, and bands at **100 PSI**

Attachment Options

- Ferrules, sleeves, bands, and other reliable options

| Size | 316 Stainless Steel Part # |
|--------|-------------------------------|
| 1" | L100-E-SS |
| 1-1/2" | L150-E-SS |
| 2" | L200-E-SS |
| 3" | L300-E-SS |

Vent-Lock Type E Adapters Dimensions



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" | 3" |
|---------------------|----------|----------|----------|---------|
| A overall length | 4-11/16" | 4-31/32" | 5-23/32" | 6-3/4" |
| B hose shank length | 2-15/16" | 2-29/32" | 3-3/8" | 4-3/16" |
| C hose shank O.D. | 1-1/16" | 1-9/16" | 2-1/16" | 3-3/32" |

Vent-Lock® Safety Cam & Groove Type DC Dust Caps



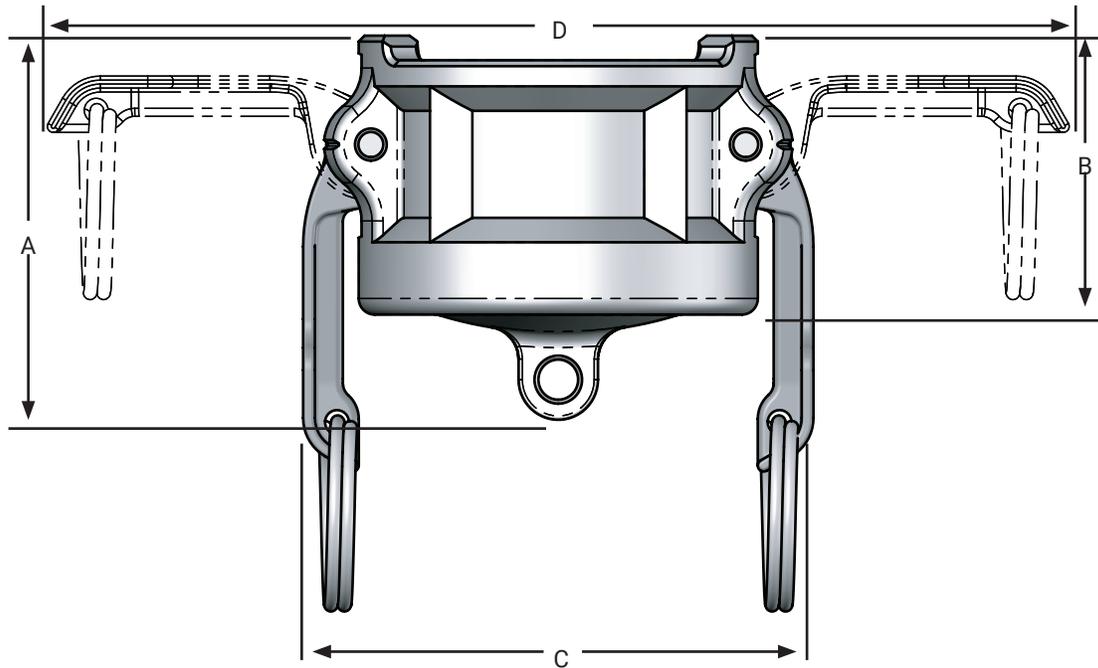
Application

- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Safety orange cam arms
- Consult Dixon® for availability of other materials

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | L100-DC-SS |
| 1-1/2" | L150-DC-SS |
| 2" | L200-DC-SS |



316 Stainless Steel Dimensions

| Size | 2" | 3" | 4" |
|-----------------------------------|----------|----------|----------|
| A overall length | 2-5/32" | 2-3/4" | 2-31/32" |
| B coupler length | 1-19/32" | 1-29/32" | 2-5/32" |
| C distance across closed cam arms | 2-7/16" | 3-9/16" | 3-15/16" |
| D distance across open cam arms | 5-3/16" | 7-7/16" | 7-13/16" |

Vent-Lock® Safety Cam & Groove EZ Boss-Lock Type H Dust Caps

Application

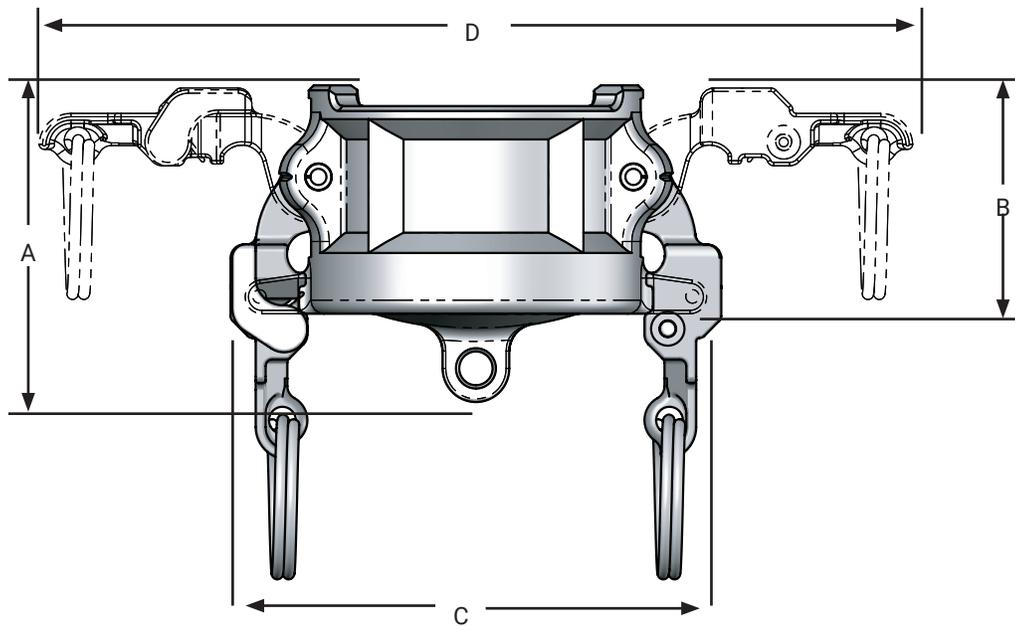
- Transfer of fluids and solids, with a safer disconnection

Features

- Safety release cam & groove couplings permit the release of static pressure when disconnecting hose assemblies
- Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids
- Does not interchange with standard cam & groove products; use only with Dixon L-style fittings
- Safety orange cam arms
- Consult Dixon® for availability of other materials



| Size | 316 Stainless Steel Part # | Aluminum Part # |
|--------|----------------------------|-----------------|
| 1" | RLH100EZ | --- |
| 1-1/2" | RLH150EZ | --- |
| 2" | RLH200EZ | --- |
| 3" | RLH300EZ | --- |
| 3" | --- | ALH400EZ |



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" | 3" |
|-----------------------------------|----------|----------|----------|----------|
| A overall length | 2-5/32" | 2-29/32" | 2-15/16" | 3-1/8" |
| B coupler length | 1-17/32" | 2-3/32" | 2-1/8" | 2-1/4" |
| C distance across closed cam arms | 3-1/4" | 4-7/32" | 4-19/32" | 5-27/32" |
| D distance across open cam arms | 6-11/32" | 7-25/32" | 8-5/32" | 9-29/32" |

Vent-Lock® Safety Cam & Groove Couplings Accessories

Dixon® handle assembly



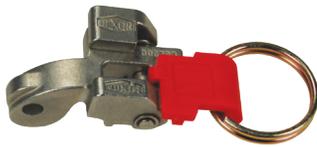
Features

- Use only with Dixon Vent-Lock couplers
- Includes handle, ring, and pin



| Size | 316 Stainless Steel Part # |
|-------------|----------------------------|
| 1" | L100-HSCR-P-SI |
| 1-1/2" - 2" | L200-HSCR-P-SI |

EZ Boss-Lock handle assembly



Features

- Use only with EZ Boss-Lock Vent-Lock couplers
- Includes handle, ring, and pin



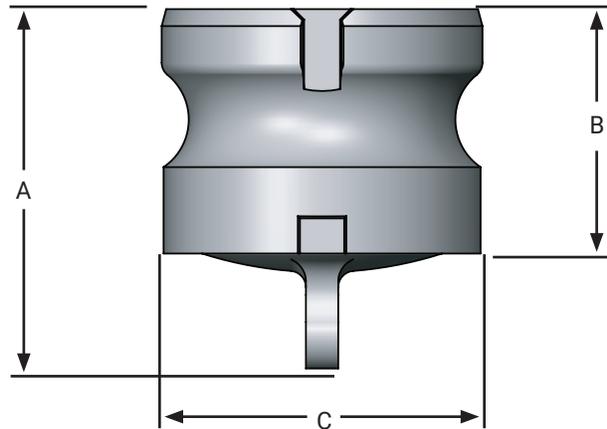
| Size | 316 Stainless Steel Part # |
|-------------|----------------------------|
| 1" | LRHEZ175 |
| 1-1/2" - 2" | LRHEZ152 |
| 3" | LRHEZ34 |

Vent-Lock® Safety Type DP Dust Plugs

Application

- Transfer of fluids and solids, with a safer disconnection

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | L100-DP-SS |
| 1-1/2" | L150-DP-SS |
| 2" | L200-DP-SS |
| 3" | L300-DP-SS |



316 Stainless Steel Dimensions

| Size | 1" | 1-1/2" | 2" | 3" |
|------------------|----------|---------|----------|----------|
| A overall length | 1-15/16" | 2-1/2" | 2-3/4" | 2-7/8" |
| B adapter length | 1-5/16" | 1-5/8" | 1-7/8" | 2" |
| C outside O.D. | 1-7/16" | 2-3/32" | 2-15/32" | 3-19/32" |

Type A Adapters Adapter x Female NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3

| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|-------------|------------------------|---------------------------|--------------|
| 1/2" | 50-A-AL ² | --- | 50-A-BR |
| 3/4" x 1/2" | 7550-A-AL ² | --- | 7550-A-BR |
| 3/4" | 75-A-AL ² | --- | 75-A-BR |
| 1" | 100-A-AL ² | --- | 100-A-BR |
| 1-1/4" | 125-A-AL | --- | 125-A-BR |
| 1-1/2" | 150-A-AL | 150-A-ALH | 150-A-BR |
| 2" | 200-A-AL | 200-A-ALH | 200-A-BR |
| 2-1/2" | 250-A-AL | --- | 250-A-BR |
| 3" | 300-A-AL | 300-A-ALH | 300-A-BR |
| 4" | 400-A-AL | 400-A-ALH | 400-A-BR |
| 5" | 500-A-AL | --- | 500-A-BR |
| 6" | 600-A-AL | 600-A-ALH | 600-A-BR |
| 8" DIX | 800-A-AL ¹ | --- | --- |
| 8" BL | 801-A-AL ¹ | --- | --- |

¹ Dixon and Boss-Lock cam & groove couplings *do not interchange in the 8" size*

² Made from 6061-T6 aluminum



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



316 stainless steel

| Size | Unplated Malleable Iron Part # | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|--------------------------------|------------------------------|----------------------------|
| 1/2" | --- | --- | 50-A-SS |
| 3/4" x 1/2" | --- | --- | 7550-A-SS |
| 3/4" | --- | 75-A-PM ² | 75-A-SS |
| 1" | --- | 100-A-PM ² | 100-A-SS |
| 1-1/4" | --- | --- | 125-A-SS |
| 1-1/2" | 150-A-MI | 150-A-PM | 150-A-SS |
| 2" | 200-A-MI | 200-A-PM | 200-A-SS |
| 2-1/2" | --- | --- | 250-A-SS |
| 3" | 300-A-MI | 300-A-PM | 300-A-SS |
| 4" | 400-A-MI | 400-A-PM | 400-A-SS |
| 5" | 500-A-MI | --- | 500-A-SS |
| 6" | --- | 600-A-PM ¹ | 600-A-SS |

¹ Ductile iron

² Zinc plated carbon steel

Adapter x Female NPT with Abrasion Resistant Inserts

Features

- Used in extreme abrasion transfer applications such as sand transfer in hydraulic fracturing
- Replacement inserts are available on page 79

| Description | UHMW Polyethylene Insert Part # |
|--|---------------------------------|
| (400-A-AL) aluminum adapter x female NPT with UHMW insert | 400-A-ALINSERT |
| (400-A-MI) malleable iron adapter x female NPT with UHMW insert | 400-A-MIINSERT |
| (400-A-SS) stainless steel adapter x female NPT with UHMW insert | 400-A-SSINSERT |

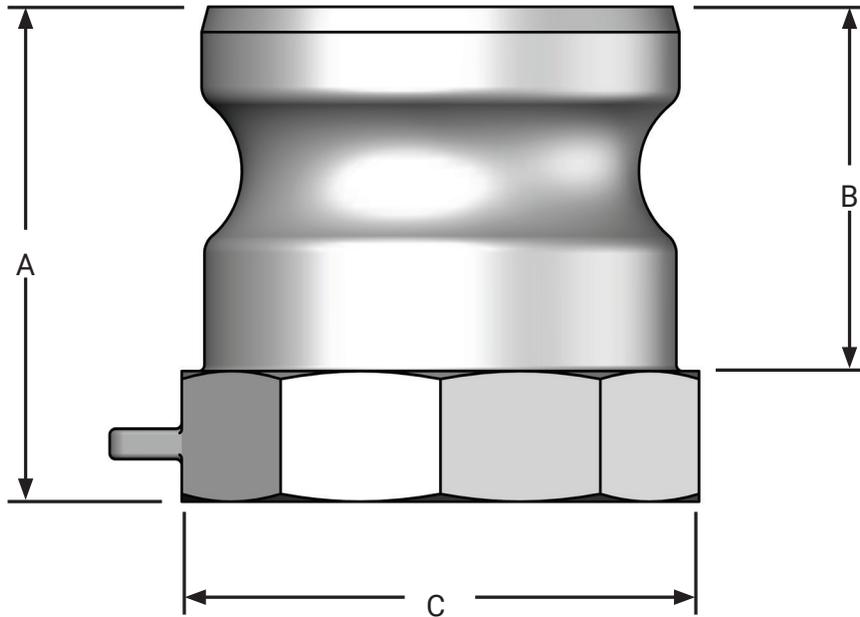


400-A-ALINSERT

NOTE: See page 24 for dimensions

Type A Adapters Dimensions

Adapter x Female NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|-------------------------|----------|-------------|---------|----------|---------|---------|--------|----------|--------|---------|----------|----------|----------|---------|
| A overall length | 1-11/16" | 1-21/32" | 1-5/8" | 1-31/32" | 2-7/32" | 2-3/16" | 2-5/8" | 2-11/16" | 2-3/4" | 3-1/8" | 3-17/32" | 3-7/16" | 4-13/16" | 4-7/16" |
| B adapter length | 1-1/16" | 1-1/16" | 1-1/16" | 1-3/8" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | 2-5/16" | 2-1/4" | 3-9/16" | 2-1/4" |
| C distance across flats | 1" | 1-3/8" | 1-3/8" | 1-1/2" | 2" | 2-9/32" | 2-3/4" | 3-7/32" | 3-7/8" | 5" | 5-15/16" | 7-11/16" | 10-5/8" | 10-5/8" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|-------------------------|----------|-------------|---------|----------|----------|---------|----------|----------|----------|---------|----------|--------|--------|-------|
| A overall length | 1-11/16" | 1-17/32" | 1-1/2" | 1-31/32" | 2-1/8" | 2-3/16" | 2-19/32" | 3-11/32" | 2-29/32" | 3-5/32" | 3-1/4" | 3-1/4" | --- | --- |
| B adapter length | 1-1/16" | 1-1/16" | 1" | 1-5/16" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | 2-5/16" | 2-1/4" | --- | --- |
| C distance across flats | 1" | 1-5/16" | 1-5/16" | 1-1/2" | 1-15/16" | 2-9/32" | 2-11/16" | 3-3/8" | 3-3/4" | 5" | 6-17/32" | 7-3/4" | --- | --- |

Dixon® Type B Couplers

Coupler x Male NPT

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types available on pages 75-77
- 1/2" Dixon coupler has only one cam arm
- Pull rings are not supplied on 1/2" - 1" Dixon couplings

| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|--------|-------------------------|---------------------------|--------------|
| 1/2" | 50-B-AL | --- | 50-B-BR |
| 3/4" | 75-B-AL | --- | 75-B-BR |
| 1" | 100-B-AL | --- | 100-B-BR |
| 1-1/4" | 125-B-AL | --- | --- |
| 1-1/2" | 150-B-AL | 150-B-ALH | 150-B-BR |
| 2" | 200-B-AL | 200-B-ALH | 200-B-BR |
| 2-1/2" | 250-B-AL | --- | --- |
| 3" | 300-B-AL | 300-B-ALH | 300-B-BR |
| 4" | 400-B-AL | 400-B-ALH | 400-B-BR |
| 5" | 500-B-AL | --- | --- |
| 6" | 600-B-AL | 600-B-ALH | --- |
| 8" | 800-B-AL ^{1,2} | --- | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size
The 8" Dixon design has 4 cam arms

² Parts are produced as a welded fabrication.

| Size | Unplated Malleable Iron Part # | 316 Stainless Steel Part # |
|--------|--------------------------------|----------------------------|
| 1/2" | --- | 50-B-SS |
| 3/4" | --- | 75-B-SS |
| 1" | --- | 100-B-SS |
| 1-1/2" | 150-B-MI ¹ | 150-B-SS |
| 2" | 200-B-MI | 200-B-SS |
| 2-1/2" | --- | 250-B-SS |
| 3" | 300-B-MI ¹ | 300-B-SS |
| 4" | 400-B-MI | 400-B-SS |
| 6" | --- | 600-B-SS |

¹ Ductile iron



356T6 aluminum



aluminum hard coat



brass

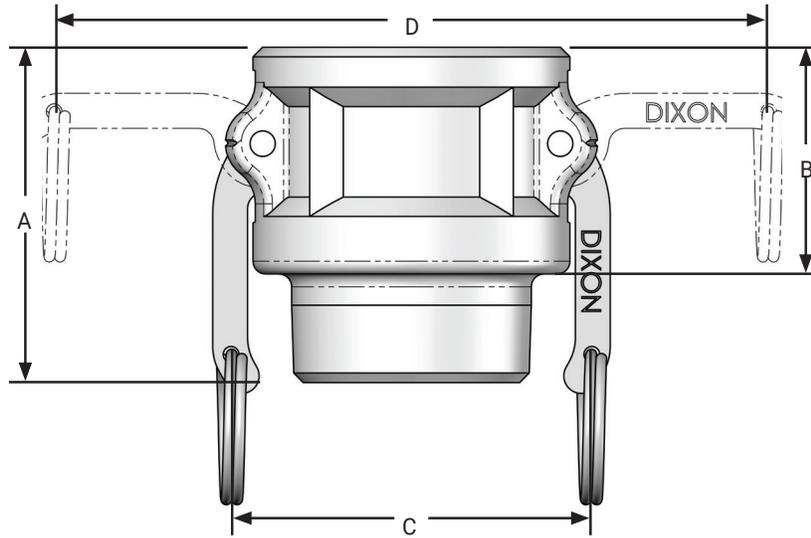


unplated malleable iron



316 stainless steel

Dixon® Type B Coupler Dimensions
Coupler X Male NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" |
|-----------------------------------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A overall length | 1-31/32" | 2-1/32" | 2-17/32" | 2-7/8" | 2-27/32" | 3-1/4" | 3-5/8" | 3-15/16" | 4-1/32" | 4-3/16" | 4-7/16" | 8-1/4" |
| B coupler length | 1-9/32" | 1-9/32" | 1-21/32" | 1-31/32" | 1-13/16" | 2-7/32" | 2-3/8" | 2-5/16" | 2-11/32" | 2-5/16" | 2-5/8" | 3-13/16" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" | 12-1/32" |
| D distance across open cam arms | 2-5/8" | 4-3/8" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 10-3/32" | 11-3/16" | 12-3/16" | 16-1/4" | 19-31/32" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" |
|-----------------------------------|----------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| A overall length | 2-1/32" | 2-1/8" | 2-9/16" | 2-27/32" | 2-31/32" | 3-9/32" | 3-7/16" | 3-29/32" | 4" | 4-17/32" |
| B coupler length | 1-7/32" | 1-1/4" | 1-9/16" | 1-29/32" | 1-29/32" | 2-7/32" | 2-1/4" | 2-9/32" | 2-9/32" | 2-19/32" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 10-3/32" |
| D distance across open cam arms | 2-5/8" | 4-3/4" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 9-15/16" | 11-1/32" | 16-1/4" |

Boss-Lock Type B Couplers

Coupler x Male NPT

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips.

| Size | 356T6 Aluminum Part # | Brass Part # |
|--------|--------------------------|-----------------|
| 3/4" | --- | BB075 |
| 1" | AB100 | BB100 |
| 1-1/4" | AB125 | BB125 |
| 1-1/2" | AB150 | BB150 |
| 2" | AB200 | BB200 |
| 2-1/2" | AB250 | BB250 |
| 3" | AB300 | BB300 |
| 4" | AB400 | BB400 |
| 6" | AB600 | --- |

| Size | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|---------------------------------|-------------------------------|
| 3/4" x 1/2" | --- | RB050BL |
| 3/4" | --- | RB075BL |
| 1" | IB100 | RB100BL |
| 1-1/4" | --- | RB125BL |
| 1-1/2" | --- | RB150BL |
| 2" | IB200 | RB200BL |
| 3" | --- | RB300BL |
| 4" | --- | RB400BL |



356T6 aluminum



brass

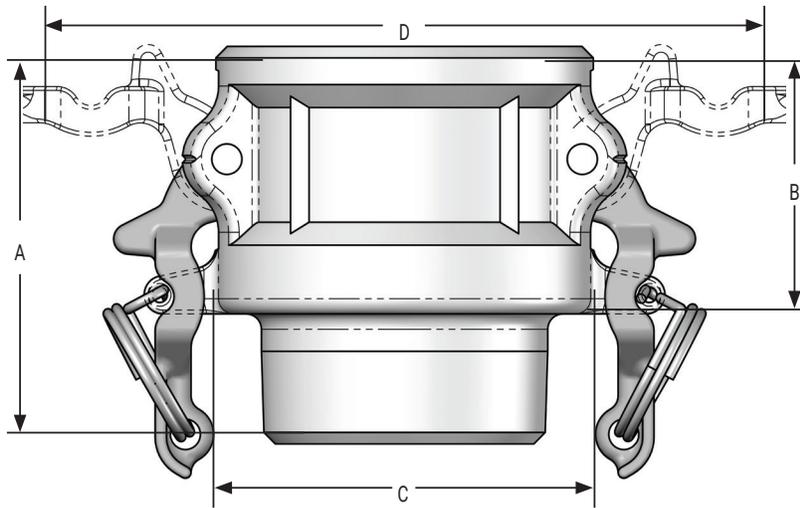


plated malleable iron



316 stainless steel

Boss-Lock Type B Coupler Dimensions
Coupler X Male NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" |
|---------------------------------|----------|----------|----------|----------|---------|----------|----------|----------|----------|
| A overall length | 2-5/16" | 2-17/32" | 3-5/32" | 3-5/32" | 3-9/32" | 3-7/8" | 4" | 4-1/16" | 4-23/32" |
| B coupler length | 1-13/32" | 1-17/32" | 1-29/32" | 1-29/32" | 2-7/32" | 2-1/4" | 2-5/16" | 2-5/16" | 2-19/32" |
| C distance across safety lugs | 2-19/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 4-13/16" | 5-9/16" | 6-11/16" | 9-5/8" |
| D distance across open cam arms | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 16-5/32" |

316 Stainless Steel Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---------------------------------|-------------|----------|----------|----------|----------|---------|----------|----------|
| A overall length | 2-1/4" | 2-1/4" | 2-9/16" | 3-3/16" | 3-7/32" | 3-1/4" | 3-29/32" | 4-1/16" |
| B coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 1-29/32" | 1-29/32" | 2-3/16" | 2-9/32" | 2-5/16" |
| C distance across safety lugs | 2-25/32" | 2-25/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 5-9/16" | 6-11/16" |
| D distance across open cam arms | 5-13/32" | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" |

EZ Boss-Lock Type B Couplers

Coupler x Male NPT

Feature

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77

Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See page 5 for further specifications.



356T6 aluminum

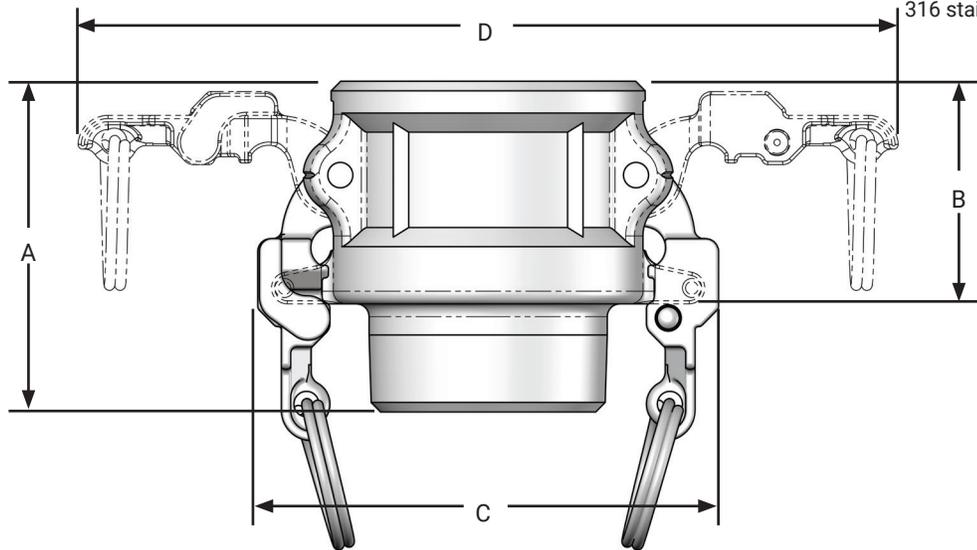


brass



316 stainless steel

| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|-------------|-----------------------|--------------|----------------------------|
| 3/4" x 1/2" | --- | --- | RB050EZ |
| 3/4" | --- | BB075EZ | RB075EZ |
| 1" | AB100EZ | BB100EZ | RB100EZ |
| 1-1/4" | --- | BB125EZ | RB125EZ |
| 1-1/2" | AB150EZ | BB150EZ | RB150EZ |
| 2" | AB200EZ | BB200EZ | RB200EZ |
| 3" | AB300EZ | BB300EZ | RB300EZ |
| 4" | AB400EZ | BB400EZ | RB400EZ |
| 6" | --- | --- | RB600EZ |



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|
| A overall length | 2-5/16" | 2-17/32" | 3-5/32" | 3-5/32" | 3-9/32" | 4" | 4-1/16" |
| B coupler length | 1-13/32" | 1-17/32" | 1-29/32" | 1-29/32" | 2-7/32" | 2-5/16" | 2-5/16" |
| C distance across closed cam arms | 3-3/32" | 3-7/32" | 3-29/32" | 4-7/32" | 4-19/32" | 5-27/32" | 6-15/16" |
| D distance across open cam arms | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" |

316 Stainless Steel Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" | 6" |
|-----------------------------------|-------------|---------|----------|----------|----------|----------|----------|----------|-----------|
| A overall length | 2-1/4" | 2-1/4" | 2-9/16" | 3-3/16" | 3-7/32" | 3-1/4" | 3-29/32" | 4-1/16" | 4-17/32" |
| B coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 1-29/32" | 1-29/32" | 2-3/16" | 2-9/32" | 2-5/16" | 2-19/32" |
| C distance across closed cam arms | 3-3/32" | 3-3/32" | 3-1/4" | 3-29/32" | 4-7/32" | 4-19/32" | 5-27/32" | 6-15/16" | 9-31/32" |
| D distance across open cam arms | 6-7/32" | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" | 16-25/32" |

Dixon® Type C Couplers

Coupler x Hose Shank

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 74-77
- 1/2" Dixon coupler has only one cam arm
- Pull rings are not supplied on 1/2" - 1" Dixon couplings



356T6 aluminum



aluminum hard coat



brass



unplated ductile iron



316 stainless steel



400-C-MIINSERT

| Hose I.D. | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|-----------|-----------------------|---------------------------|--------------|
| 1/2" | 50-C-AL | --- | 50-C-BR |
| 3/4" | 75-C-AL | --- | 75-C-BR |
| 1" | 100-C-AL | --- | 100-C-BR |
| 1-1/4" | 125-C-AL | --- | 125-C-BR |
| 1-1/2" | 150-C-AL | 150-C-ALH | 150-C-BR |
| 2" | 200-C-AL | 200-C-ALH | 200-C-BR |
| 2-1/2" | 250-C-AL | --- | 250-C-BR |
| 3" | 300-C-AL | 300-C-ALH | 300-C-BR |
| 4" | 400-C-AL | 400-C-ALH | 400-C-BR |
| 5" | 500-C-AL | --- | --- |
| 6" | 600-C-AL | 600-C-ALH | 600-C-BR |
| 8" | 800-C-AL ¹ | --- | --- |

| Hose I.D. | Unplated Ductile Iron Part # | 316 Stainless Steel Part # |
|-----------|------------------------------|----------------------------|
| 1/2" | --- | 50-C-SS |
| 3/4" | --- | 75-C-SS |
| 1" | --- | 100-C-SS |
| 1-1/4" | --- | 125-C-SS |
| 1-1/2" | 150-C-MI ³ | 150-C-SS |
| 2" | 200-C-MI ² | 200-C-SS |
| 2-1/2" | --- | 250-C-SS |
| 3" | 300-C-MI ² | 300-C-SS |
| 4" | 400-C-MI ² | 400-C-SS |
| 5" | --- | 500-C-SS |
| 6" | 600-C-MI ² | 600-C-SS |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size the 8" Dixon design has 4 cam arms

² Suitable for use with King Crimp® sleeves and ferrules

³ Malleable iron

Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturers' products with Dixon products.



Coupler x Hose Shank with Abrasion Resistant Inserts

Features

- Used in extreme abrasion transfer applications such as sand transfer in hydraulic fracturing
- Replacement inserts are available on page 79

| Description | UHMW Polyethylene Part # |
|---|--------------------------|
| (400-C-AL) aluminum coupler x hose shank with UHMW insert | 400-C-ALINSERT |
| (400-C-MI) malleable iron coupler x hose shank with UHMW insert | 400-C-MIINSERT |

Dixon® Type C Couplers with Notched NOS Shank Coupler x NOS Shank

Features

- System allows you to better manage your inventories, you can stock one stem and two ferrules, and cover the same hose range with less inventory, you must purchase a fitting and the matching ferrule to create an assembly
- For hose outside diameters of 2-4/64" and below, the couplings are crimp only
- For hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- For use with NOS ferrules on page 48



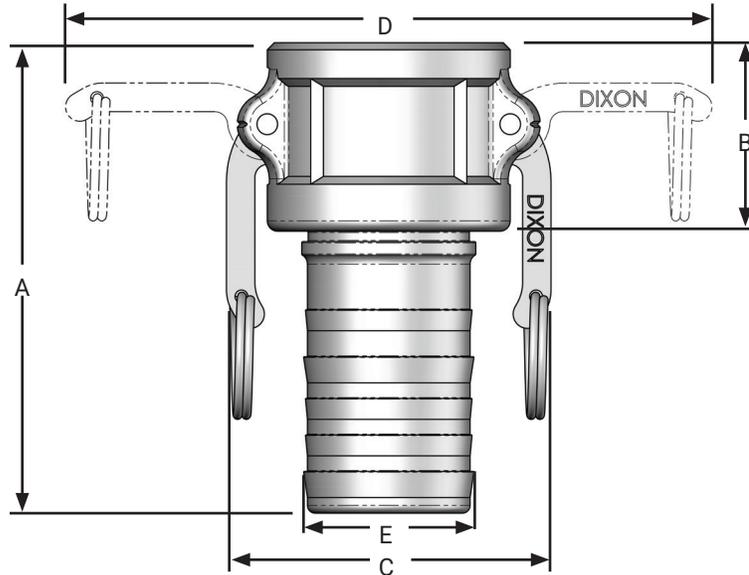
| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | 150CNOSSS ¹ |
| 2" | 200CNOSSS |
| 3" | 300CNOSSS |

¹ Part will be discontinued as stock is depleted

NOTE: Only use the NOS shank with the NOS ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Dixon® products.

Dixon® Type C Couplers Dimensions



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" BL |
|-----------------------------------|----------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A overall length | 2-21/32" | 3-3/4" | 4-1/2" | 4-3/4" | 4-7/8" | 5-19/32" | 6" | 6-17/32" | 6-9/16" | 6-9/16" | 8-23/32" | 11-13/16" |
| B coupler length | 1-7/32" | 1-1/4" | 1-9/16" | 1-15/16" | 1-31/32" | 2-7/32" | 2-1/4" | 2-5/16" | 2-5/16" | 2-5/16" | 2-11/16" | 3-13/16" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" | 12-1/32" |
| D distance across open cam arms | 2-11/16" | 4-3/8" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 10-3/32" | 11-3/16" | 12-3/16" | 16-1/4" | 19-31/32" |
| E hose shank O.D. | 19/32" | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-5/8" | 3-3/32" | 4-3/32" | 5-3/32" | 6-1/16" | 8-3/32" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" |
|-----------------------------------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| A overall length | 3-7/32" | 3-11/16" | 4-1/2" | 4-5/8" | 4-13/16" | 5-19/32" | 6-1/16" | 6-7/16" | 6-17/32" | 7-3/8" | 8-11/16" |
| B coupler length | 1-7/32" | 1-1/4" | 1-9/16" | 1-29/32" | 1-29/32" | 2-7/32" | 2-1/4" | 2-1/4" | 2-9/32" | 2-7/16" | 2-19/32" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" |
| D distance across open cam arms | 2-5/8" | 4-3/8" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 9-15/16" | 11-1/32" | 12-3/16" | 16-1/4" |
| E hose shank O.D. | 19/32" | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-5/8" | 3-3/32" | 4-3/32" | 5-3/32" | 6-1/16" |



356T6 aluminum



brass



plated malleable iron



316 stainless steel

Boss-Lock Type C Couplers

Coupler x Hose Shank

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips

| Size | 356T6 Aluminum Part # | Brass Part # |
|--------|-----------------------|--------------|
| 3/4" | AC075 | BC075 |
| 1" | AC100 | BC100 |
| 1-1/4" | AC125 | BC125 |
| 1-1/2" | AC150 | BC150 |
| 2" | AC200 | BC200 |
| 2-1/2" | AC250 | BC250 |
| 3" | AC300 | BC300 |
| 4" | AC400 | BC400 |
| 6" | AC600 | BC600 |
| 8" | AC800 ¹ | --- |

| Size | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|------------------------------|----------------------------|
| 3/4" x 1/2" | --- | RC050BL |
| 3/4" | IC075 | RC075BL |
| 1" | IC100 | RC100BL |
| 1-1/4" | --- | RC125BL |
| 1-1/2" | IC150 | RC150BLNO |
| 2" | IC200 | RC200BLNO |
| 3" | IC300 | RC300BL |
| 4" | IC400 ² | RC400BLNO |
| 6" | --- | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size

² Ductile iron



EZ Boss-Lock Type C Couplers with Collared Hose Shank

Coupler x Collared Hose Shank

Features

- Utilization of Boss clamp provides greater resistance to end pull than conventional band clamps
- Can be used with band clamps



| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | RC100CEZ |
| 1-1/2" | RC150CEZ |
| 2" | RC200CEZ |

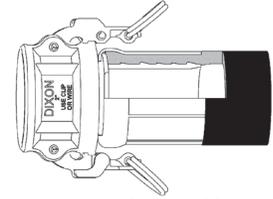
Boss-Lock Type C Couplers with Notched Shank

Coupler x Hose Shank

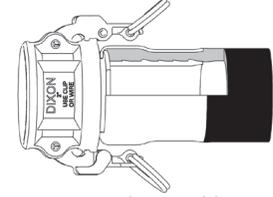
Features

- Coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, after inspection of the fitting to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule
- System allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, you must purchase a fitting and the matching ferrule to create an assembly
- For use with NO ferrules on page 47

Dixon® stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Dixon products.



crimped assembly

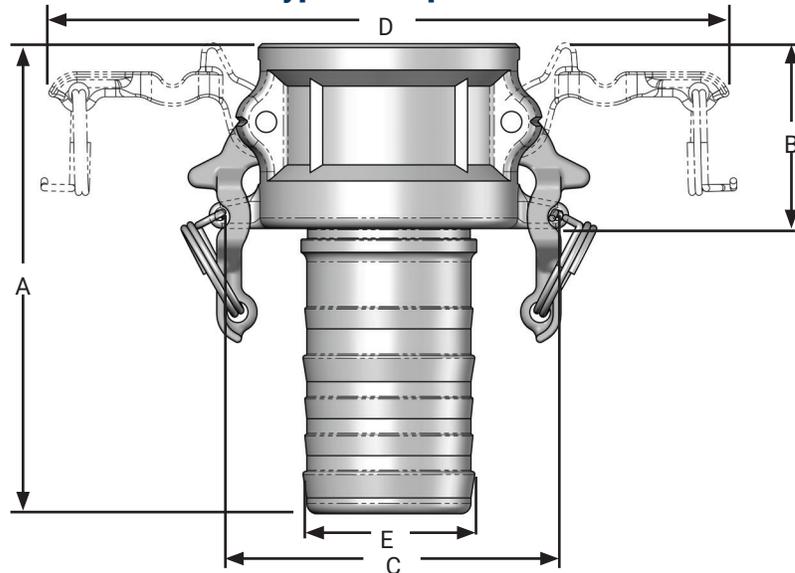


swaged assembly

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | RC150BLNO |
| 2" | RC200BLNO |
| 3" | RC300BLNO |
| 4" | RC400BLNO |

NOTE: Contact Dixon for swage and crimp recommendations.

Boss-Lock Type C Coupler Dimensions



356T6 Aluminum, Brass and Iron Dimensions

| Size | | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" | 8" |
|------|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A | overall length | 4-3/8" | 4-7/8" | 5-7/16" | 4-29/32" | 5-19/32" | 6-1/16" | 6-3/16" | 6-1/2" | 8-3/8" | 11-13/16" |
| B | coupler length | 1-13/32" | 1-17/32" | 1-29/32" | 1-31/32" | 2-7/32" | 2-1/4" | 2-1/4" | 2-1/4" | 2-5/8" | 2-13/16" |
| C | distance across closed cam arms | 2-19/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 4-13/16" | 5-9/16" | 6-11/16" | 9-5/8" | 11-5/8" |
| D | distance across open cam arms | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 16-5/32" | 18-5/32" |
| E | hose shank O.D. | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-19/32" | 3-3/32" | 4-3/32" | 6-3/32" | 8-1/16" |

316 Stainless Steel Dimensions

| Size | | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|------|---------------------------------|-------------|----------|----------|----------|----------|---------|----------|----------|
| A | overall length | 3-3/32" | 3-7/8" | 4-1/2" | 4-31/32" | 5-1/2" | 5-5/16" | 6-9/32" | 7" |
| B | coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 2-1/32" | 1-29/32" | 2-3/16" | 2-9/32" | 2-5/16" |
| C | distance across closed cam arms | 2-25/32" | 2-25/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 5-9/16" | 6-11/16" |
| D | distance across open cam arms | 5-13/32" | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" |
| E | hose shank O.D. | 19/32" | 27/32" | 1-1/16" | 1-5/16" | 1-19/32" | 2-3/32" | 3-3/32" | 4-3/32" |

EZ Boss-Lock Type C Couplers

Coupler X Hose Shank



356T6 aluminum



brass



316 stainless steel



AC400EZP¹

Feature

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77
- Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use.



| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|-------------|-----------------------|--------------|----------------------------|
| 3/4" x 1/2" | --- | --- | RC050EZ |
| 3/4" | AC075EZ | BC075EZ | RC075EZ |
| 1" | AC100EZ | BC100EZ | RC100EZCR |
| 1-1/4" | --- | BC125EZ | RC125EZCR |
| 1-1/2" | AC150EZ | BC150EZ | RC150EZNO |
| 2" | AC200EZ | BC200EZ | RC200EZNO |
| 2-1/2" | AC250EZ | --- | --- |
| 3" | AC300EZ | BC300EZ | RC300EZCR |
| 4" | AC400EZ | BC400EZ | RC400EZCR |
| | AC400EZP ¹ | --- | --- |
| 6" | AC600EZ | --- | RC600EZCR |
| 8" | AC800EZ ² | --- | --- |

¹ Includes paddle handle

² Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.
NOTE: See page 5 for further specifications.

EZ Boss-Lock Type C Couplers with Phono Finish Shank

Application

- The shank design on these fittings was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features

- In testing tank transport hoses from a wide variety of manufacturers, the Boss-Lock PF fitting showed significant improvement in hose coupling retention over the conventional cam & groove shank design
- For best results we recommend the use of 3/4" wide band clamps.
- Other sizes available; consult Dixon for pricing and availability



| Size | 316 Stainless Steel Part # |
|------|----------------------------|
| 2" | RC200EZPF |
| 3" | RC300EZPF |

EZ Boss-Lock Type C Couplers with Swaged Ferrule

Application

- Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, swaged Boss-Lock provides you with a permanently attached cam & groove fitting when superior coupling retention is required

Features

- In testing tank transport hoses from a wide variety of manufacturers, the swaged Boss-Lock fitting proved itself to be the clear winner in overall performance
- Available on special order, other sizes or hose O.D.s, consult Dixon® for pricing and availability
- Special equipment required for installation, consult Dixon for pricing and availability



| Size | Hose O.D. | | 316 Stainless Steel Part # |
|------|-----------|----------|----------------------------|
| | from | to | |
| 3/4" | 1-6/64" | 1-22/64" | RC075EZ-70 |
| 1" | 1-29/64" | 1-35/64" | RC100EZ-20 |
| 1" | 1-36/64" | 1-44/64" | RC100EZ-70 |

EZ Boss-Lock Type C Couplers with Notched Hose Shank

Coupler x Hose Shank

Features

- Coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, after inspection of the fitting to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule.
- System allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, you must purchase a fitting and the matching ferrule to create an assembly.
- For use with notched ferrules on page 47

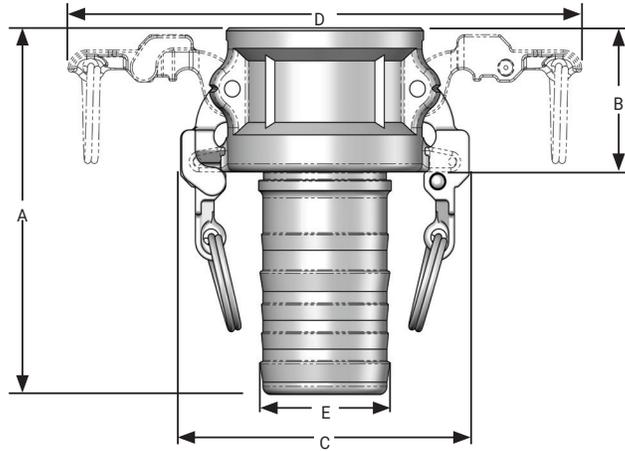


| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | RC150EZNO |
| 2" | RC200EZNO |
| 3" | RC300EZNO |
| 4" | RC400EZNO |

Dixon stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Dixon products.



EZ Boss-Lock Type C Coupler Dimensions



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" | 8" |
|-----------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| A overall length | --- | 4-3/8" | 4-7/8" | 5-7/16" | 4-29/32" | 5-19/32" | 6-1/16" | 6-3/16" | 6-1/2" | 8-3/8" | 11-13/16" |
| B coupler length | --- | 1-13/32" | 1-17/32" | 1-29/32" | 1-31/32" | 2-7/32" | 2-1/4" | 2-1/4" | 2-1/4" | 2-5/8" | 2-13/16" |
| C distance across closed cam arms | --- | 3-3/32" | 3-7/32" | 3-29/32" | 4-7/32" | 4-19/32" | 5-1/16" | 5-27/32" | 6-15/16" | 9-31/32" | 12" |
| D distance across open cam arms | --- | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 16-25/32" | 18-25/32" |
| E hose shank O.D. | --- | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-19/32" | 3-3/32" | 4-3/32" | 6-3/32" | 8-1/16" |

316 Stainless Steel Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" | 8" |
|-----------------------------------|-------------|---------|----------|----------|----------|----------|--------|----------|----------|-----------|-----|
| A overall length | 3-3/32" | 3-7/8" | 4-1/2" | 4-31/32" | 5-1/2" | 5-5/16" | --- | 6-15/32" | 6-19/32" | 8-11/16" | --- |
| B coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 2-1/32" | 2-29/32" | 2-3/16" | --- | 2-9/32" | 2-11/32" | 2-19/32" | --- |
| C distance across closed cam arms | 3-3/32" | 3-3/32" | 3-1/4" | 3-29/32" | 4-7/32" | 4-19/32" | --- | 5-27/32" | 6-15/16" | 9-31/32" | --- |
| D distance across open cam arms | 6-7/32" | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | --- | 9-29/32" | 11" | 16-25/32" | --- |
| E hose shank O.D. | 19/32" | 27/32" | 1-1/16" | 1-5/16" | 1-19/32" | 2-3/32" | --- | 3-3/32" | 4-3/32" | 6-1/16" | --- |

Boss-Lock Type D Couplers Coupler x Female NPT

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77
- 1/2" Dixon coupler has only one cam arm
- Pull rings are not supplied on 1/2" - 1" Dixon couplings

| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|--------|-------------------------|---------------------------|--------------|
| 1/2" | 50-D-AL | --- | 50-D-BR |
| 3/4" | 75-D-AL | --- | 75-D-BR |
| 1" | 100-D-AL | --- | 100-D-BR |
| 1-1/4" | 125-D-AL | --- | 125-D-BR |
| 1-1/2" | 150-D-AL | 150-D-ALH | 150-D-BR |
| 2" | 200-D-AL | 200-D-ALH | 200-D-BR |
| 2-1/2" | 250-D-AL | --- | 250-D-BR |
| 3" | 300-D-AL | 300-D-ALH | 300-D-BR |
| 4" | 400-D-AL | 400-D-ALH | 400-D-BR |
| 5" | 500-D-AL | --- | 500-D-BR |
| 6" | 600-D-AL | 600-D-ALH | 600-D-BR |
| 8" | 800-D-AL ^{1,2} | --- | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size

² The 8" Dixon design has 4 cam arms



| Size | Unplated Malleable Iron Part # | 316 Stainless Steel Part # |
|--------|--------------------------------|----------------------------|
| 1/2" | --- | 50-D-SS |
| 3/4" | --- | 75-D-SS |
| 1" | --- | 100-D-SS |
| 1-1/4" | --- | 125-D-SS |
| 1-1/2" | 150-D-MI | 150-D-SS |
| 2" | 200-D-MI | 200-D-SS |
| 2-1/2" | --- | 250-D-SS |
| 3" | 300-D-MI ¹ | 300-D-SS |
| 4" | 400-D-MI ¹ | 400-D-SS |
| 5" | 500-D-MI | 500-D-SS |
| 6" | --- | 600-D-SS |

¹ Ductile iron



356T6 aluminum



aluminum hard coat



brass

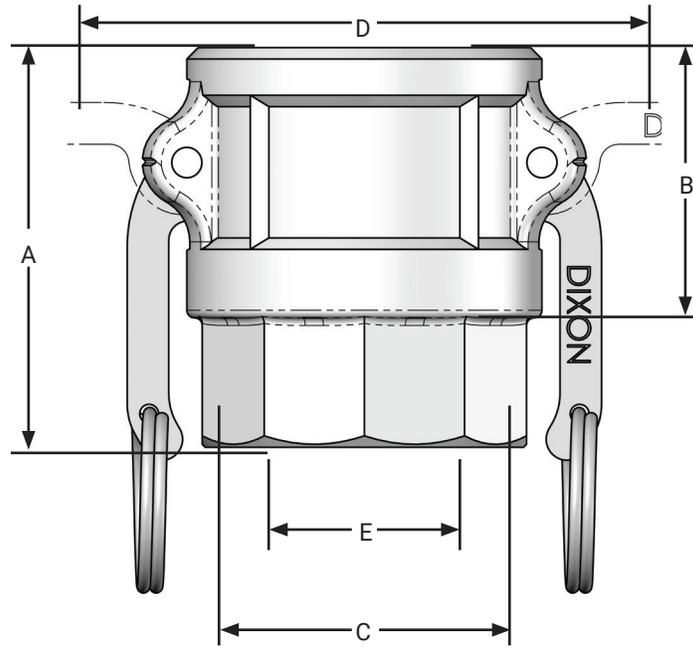


unplated malleable iron



316 stainless steel

Dixon® Type D Coupler Dimensions
Coupler X Female NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" |
|-----------------------------------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------------------|-----------------------|-----------------------|
| A overall length | 1-31/32" | 2-5/32" | 2-9/16" | 2-27/32" | 2-27/32" | 3-5/16" | 3-5/8" | 3-11/16" | 3-13/16" | 3-3/4" | 4-11/32" | 5-27/32" |
| B coupler length | 1-9/32" | 1-3/8" | 1-9/16" | 1-15/16" | 1-13/16" | 2-7/32" | 2-3/8" | 2-3/8" | 2-5/16" | 2-5/16" | 2-5/8" | 3-13/16" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" | 12-1/32" |
| D distance across open cam arms | 2-9/16" | 4-3/4" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 10-3/32" | 11-3/16" | 12-3/16" | 16-1/4" | 19-31/32" |
| E distance across flats | 1-1/16" | 1-9/32" | 1-19/32" | 2" | 2-3/16" | 2-5/8" | 3-7/32" | 3-7/8" | 4-7/8" | 6-9/16" ¹ | 7-23/32" ¹ | 10-1/16" ¹ |

¹ Distance across lugs

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" |
|-----------------------------------|----------|---------|---------|----------|----------|----------|----------|----------|----------|----------------------|----------------------|
| A overall length | 2" | 2-1/16" | 2-1/2" | 2-27/32" | 2-27/32" | 3-3/16" | 3-3/4" | 3-19/32" | 3-11/16" | 3-13/16" | 4-1/16" |
| B coupler length | 1-7/32" | 1-1/4" | 1-9/16" | 1-29/32" | 1-29/32" | 2-7/32" | 2-1/4" | 2-9/32" | 2-9/32" | 2-5/16" | 2-19/32" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-1/4" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" |
| D distance across open cam arms | 2-5/8" | 4-3/8" | 5-3/16" | 7-5/32" | 7-7/16" | 7-13/16" | 8-11/32" | 9-15/16" | 11-1/32" | 12-3/16" | 16-1/4" |
| E distance across flats | 1-3/32" | 1-5/16" | 1-5/8" | 1-15/16" | 2-3/16" | 2-11/16" | 3-1/8" | 3-3/4" | 4-7/8" | 6-7/16" ¹ | 7-9/16" ¹ |

¹ distance across lugs

Boss-Lock Type D Couplers

Coupler x Female NPT

Features

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips

| Size | 356T6 Aluminum Part # | Brass Part # |
|-------------|--------------------------|-----------------|
| 3/4" x 1/2" | AD050 | BD050 |
| 3/4" | AD075 | BD075 |
| 1" | AD100 | BD100 |
| 1-1/4" | AD125 | BD125 |
| 1-1/2" | AD150 | BD150 |
| 2" | AD200 | BD200 |
| 2-1/2" | AD250 | BD250 |
| 3" | AD300 | BD300 |
| 4" | AD400 | BD400 |
| 5" | AD500 | --- |
| 6" | AD600 | BD600 |
| 8" | AD800 ¹ | --- |



356T6 aluminum



brass

| Size | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|---------------------------------|-------------------------------|
| 3/4" x 1/2" | --- | RD050BL |
| 3/4" | ID075 | RD075BL |
| 1" | ID100 | RD100BL |
| 1-1/4" | --- | RD125BL |
| 1-1/2" | ID150 | RD150BL |
| 2" | ID200 | RD200BL |
| 3" | ID300 | RD300BL |
| 4" | ID400 | RD400BL |
| 6" | ID600 ² | --- |



plated malleable iron



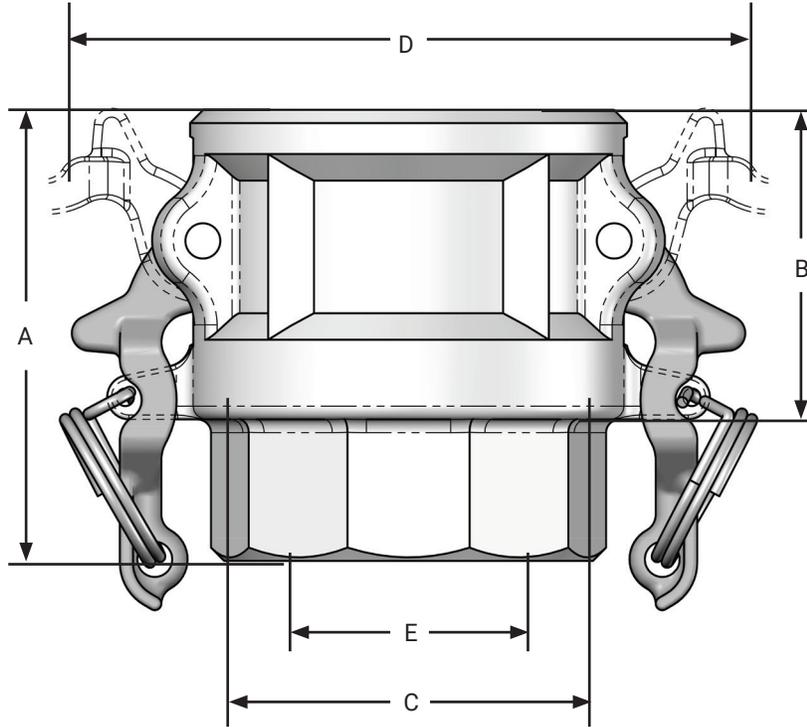
316 stainless steel

¹ Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.

² Ductile iron



Boss-Lock Type D Coupler Dimensions
Coupler X Female NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" |
|---------------------------------|-------------|----------|----------|----------|----------|---------|----------|----------|----------|---------------------|----------|----------|
| A overall length | 2" | 2-7/32" | 2-17/32" | 3-3/32" | 2-31/32" | 3-1/4" | 3-11/16" | 3-27/32" | 3-13/16" | 4-1/8" | 4-1/2" | 4-1/2" |
| B coupler length | 1-5/16" | 1-13/32" | 1-17/32" | 1-29/32" | 1-31/32" | 2-3/16" | 2-1/4" | 2-9/32" | 2-5/16" | 2-13/32" | 2-9/16" | 2-13/16" |
| C distance across safety lugs | 2-19/32" | 2-19/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 4-13/16" | 5-9/16" | 6-11/16" | 7-25/32" | 9-5/8" | 11-5/8" |
| D distance across open cam arms | 5-13/32" | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 12-1/32" | 16-5/32" | 18-5/32" |
| E distance across flats | 1-3/16" | 1-3/8" | 1-5/8" | 2" | 2-1/4" | 2-5/8" | 3-5/16" | 3-7/8" | 4-7/8" | 6-1/2" ¹ | 8-5/32" | 9-31/32" |

¹ Distance across lugs

316 Stainless Steel Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|
| A overall length | 2" | 2-1/8" | 2-1/2" | 3-3/32" | 2-27/32" | 3-3/16" | 3-19/32" | 3-23/32" |
| B coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 1-29/32" | 1-29/32" | 2-3/16" | 2-9/32" | 2-5/16" |
| C distance across safety lugs | 2-25/32" | 2-25/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 5-9/16" | 6-11/16" |
| D distance across open cam arms | 5-13/32" | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" |
| E distance across flats | 1-3/16" | 1-3/8" | 1-5/8" | 2" | 2-3/16" | 2-11/16" | 3-3/4" | 4-7/8" |

EZ Boss-Lock Type D Couplers

Coupler x Female NPT

Feature

- Couplers are supplied standard with a nitrile rubber gasket, other gasket types are available on pages 75-77

Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See page 5 for further specifications



| Size | 356T6 Aluminum Part # | Brass Part # |
|-------------|-----------------------|--------------|
| 3/4" x 1/2" | --- | --- |
| 3/4" | AD075EZ | BD075EZ |
| 1" | AD100EZ | BD100EZ |
| 1-1/4" | --- | BD125EZ |
| 1-1/2" | AD150EZ | BD150EZ |
| 2" | AD200EZ | BD200EZ |
| 2-1/2" | AD250EZ | BD250EZ |
| 3" | AD300EZ | BD300EZ |
| 4" | AD400EZ | BD400EZ |
| | AD400EZP ¹ | --- |
| 5" | AD500EZ | --- |
| 6" | AD600EZ | --- |
| 8" | AD800EZ ² | --- |

| Size | 316 Stainless Steel Part # | Heavy Duty 316 Stainless Steel Part # |
|-------------|----------------------------|---------------------------------------|
| 3/4" x 1/2" | RD050EZ | --- |
| 3/4" | RD075EZ | --- |
| 1" | RD100EZ | --- |
| 1-1/4" | RD125EZ | --- |
| 1-1/2" | RD150EZ | --- |
| 2" | RD200EZ | --- |
| 2-1/2" | RD250EZ | --- |
| 3" | RD300EZ | RD300EZHD ³ |
| 4" | RD400EZ | RD400EZHD ⁴ |
| 5" | --- | --- |
| 6" | RD600EZ | RD600EZHD ⁵ |
| 8" | --- | RD800EZHD ² |



356T6 aluminum



brass



316 stainless steel



heavy duty 316 stainless steel

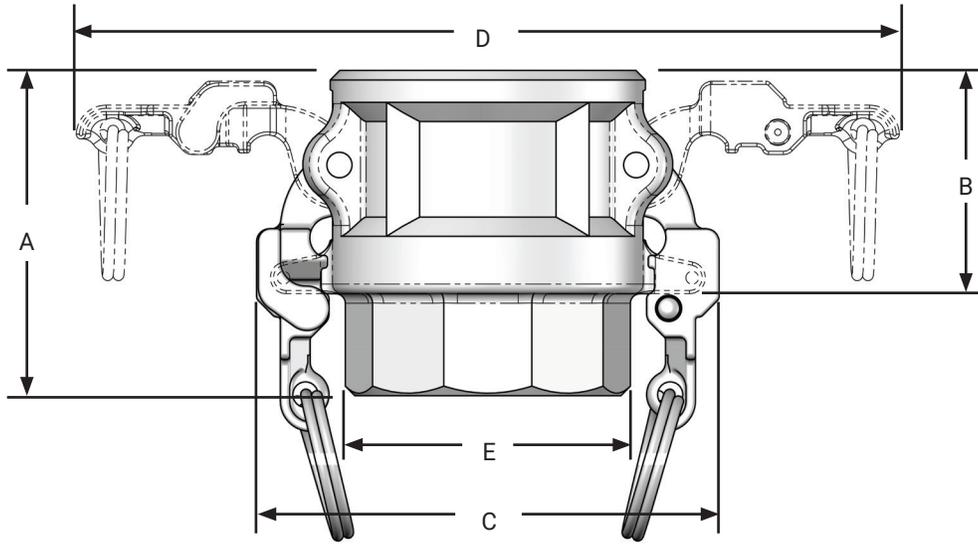
- ¹ Includes paddle handle
- ² Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.
- ³ Pressure rating of **400 PSI**
- ⁴ Pressure rating of **300 PSI**
- ⁵ Pressure rating of **150 PSI**



AD400EZP¹

EZ Boss-Lock Type D Coupler Dimensions

Coupler x Female NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" |
|-----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------------|-----------|-----------|
| A overall length | 2-7/32" | 2-17/32" | 3-3/32" | 2-7/8" | 3-1/4" | 3-11/16" | 3-27/32" | 3-13/16" | 4-1/8" | 4-1/2" | 4-1/2" |
| B coupler length | 1-13/32" | 1-17/32" | 1-29/32" | 1-31/32" | 2-7/32" | 2-1/4" | 2-9/32" | 2-5/16" | 2-13/32" | 2-5/8" | 2-13/16" |
| C distance across closed cam arms | 3-3/32" | 3-7/32" | 3-29/32" | 4-7/32" | 4-19/32" | 5-1/16" | 5-27/32" | 6-15/16" | 7-7/5" | 9-31/32" | 12" |
| D distance across open cam arms | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 12-1/16" | 16-25/32" | 18-25/32" |
| E distance across flats | 1-3/8" | 1-5/8" | 2" | 2-1/4" | 2-5/8" | 3-5/16" | 3-7/8" | 4-7/8" | 6-25/32" ¹ | 8-5/32" | 9-31/32" |

¹ Distance across lugs

316 Stainless Steel Dimensions

| Size | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" |
|-----------------------------------|-------------|---------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A overall length | 2" | 2-1/8" | 2-1/2" | 3-3/32" | 2-27/32" | 3-3/16" | 3-11/16" | 3-19/32" | 3-23/32" | 4-1/16" |
| B coupler length | 1-5/16" | 1-9/32" | 1-9/16" | 1-29/32" | 1-29/32" | 2-3/16" | 2-1/4" | 2-9/32" | 2-5/16" | 2-19/32" |
| C distance across closed cam arms | 3-3/32" | 3-3/32" | 3-1/4" | 3-29/32" | 4-7/32" | 4-19/32" | 5-1/16" | 5-27/32" | 6-15/16" | 9-31/32" |
| D distance across open cam arms | 6-7/32" | 6-7/32" | 6-11/32" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 16-25/32" |
| E distance across flats | 1-3/16" | 1-3/8" | 1-5/8" | 2" | 2-3/16" | 2-11/16" | 3-5/16" | 3-3/4" | 4-7/8" | 7-9/16" |

Type E Adapters Adapter x Hose Shank

Feature

- Pressure rating is based on the seal of the mating part

| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|-------------|-----------------------|---------------------------|--------------|
| 1/2" | 50-E-AL | --- | 50-E-BR |
| 3/4" x 1/2" | 7550-E-AL | --- | --- |
| 3/4" | 75-E-AL | --- | 75-E-BR |
| 1" | 100-E-AL | --- | 100-E-BR |
| 1-1/4" | 125-E-AL | --- | 125-E-BR |
| 1-1/2" | 150-E-AL | 150-E-ALH | 150-E-BR |
| 2" | 200-E-AL | 200-E-ALH | 200-E-BR |
| 2-1/2" | 250-E-AL | --- | 250-E-BR |
| 3" | 300-E-AL | 300-E-ALH | 300-E-BR |
| 4" | 400-E-AL | 400-E-ALH | 400-E-BR |
| 5" | 500-E-AL | --- | --- |
| 6" | 600-E-AL | 600-E-ALH | 600-E-BR |
| 8" DIX | 800-E-AL ¹ | --- | --- |
| 8" BL | 801-E-AL ¹ | --- | --- |

¹ Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



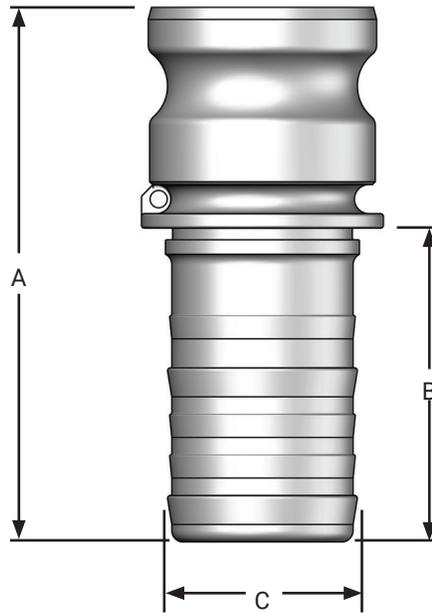
316 stainless steel

| Size | Unplated Malleable Iron Part # | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|--------------------------------|------------------------------|----------------------------|
| 1/2" | --- | --- | 50-E-SS |
| 3/4" x 1/2" | --- | --- | 7550-E-SS |
| 3/4" | --- | 75-E-PM | 75-E-SS |
| 1" | --- | 100-E-PM | 100-E-SS |
| 1-1/4" | --- | 125-E-PM | 125-E-SS |
| 1-1/2" | 150-E-MI | 150-E-PM | 150-E-SS |
| 2" | 200-E-MI ² | 200-E-PM ² | 200-E-SS |
| 2-1/2" | --- | --- | 250-E-SS |
| 3" | 300-E-MI ^{1,2} | 300-E-PM ^{1,2} | 300-E-SS |
| 4" | 400-E-MI ^{1,2} | 400-E-PM ^{1,2} | 400-E-SS |
| 5" | --- | --- | 500-E-SS |
| 6" | 600-E-MI ^{1,2} | 600-E-PM ^{1,2} | 600-E-SS |

¹ Suitable for King Crimp® sleeves and ferrules, for a full list of products in the King Crimp system please visit dixonvalve.com

² Ductile iron

Type E Adapters Dimensions
Adapter x Hose Shank



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4"x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|---------------------|---------|---------------|----------|----------|----------|----------|---------|----------|----------|---------|---------|---------|-----------|----------|
| A overall length | 2-1/2" | 2-3/4" | 3-15/16" | 4-5/8" | 4-7/8" | 5-1/16" | 6-1/32" | 6-1/4" | 6-25/32" | 7-3/16" | 7-5/32" | 9-5/32" | 11-13/16" | 11-7/16" |
| B hose shank length | 1-7/16" | 1-5/16" | 2-3/8" | 2-15/16" | 2-13/16" | 2-29/32" | 3-3/8" | 3-3/4" | 4-7/32" | 4-1/4" | 4-1/4" | 6-1/32" | 8" | 8" |
| C hose shank O.D. | 9/16" | 19/32" | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-19/32" | 3-3/32" | 4-3/32" | 5-3/32" | 6-1/16" | 8-1/16" | 8-3/32" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4"x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|---------------------|---------|---------------|----------|----------|----------|----------|---------|----------|----------|---------|---------|---------|-----------|----------|
| A overall length | 2-1/2" | 2-3/4" | 3-15/16" | 4-5/8" | 4-7/8" | 5-1/16" | 6-1/32" | 6-1/4" | 6-25/32" | 7-3/16" | 7-5/32" | 9-7/16" | --- | --- |
| B hose shank length | 1-7/16" | 1-5/16" | 2-3/8" | 2-15/16" | 2-13/16" | 2-29/32" | 3-3/8" | 3-3/4" | 4-7/32" | 4-1/4" | 4-1/4" | 6-3/32" | --- | --- |
| C hose shank O.D. | 9/16" | 19/32" | 27/32" | 1-1/16" | 1-11/32" | 1-9/16" | 2-1/16" | 2-19/32" | 3-3/32" | 4-3/32" | 5-3/32" | 6-1/16" | --- | --- |

Type F Adapters x NPT

Adapter x Male NPT

Feature

- Pressure rating is based on the seal of the mating part

| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|-------------|------------------------|---------------------------|--------------|
| 1/2" | 50-F-AL ² | --- | 50-F-BR |
| 3/4" x 1/2" | 7550-F-AL ² | --- | 7550-F-BR |
| 3/4" | 75-F-AL ² | --- | 75-F-BR |
| 1" | 100-F-AL ² | --- | 100-F-BR |
| 1-1/4" | 125-F-AL | --- | 125-F-BR |
| 1-1/2" | 150-F-AL | 150-F-ALH | 150-F-BR |
| 2" | 200-F-AL | 200-F-ALH | 200-F-BR |
| 2-1/2" | 250-F-AL | --- | 250-F-BR |
| 3" | 300-F-AL | 300-F-ALH | 300-F-BR |
| 4" | 400-F-AL | 400-F-ALH | 400-F-BR |
| 5" | 500-F-AL | --- | --- |
| 6" | 600-F-AL | 600-F-ALH | 600-F-BR |
| 8" DIX | 800-F-AL ¹ | --- | --- |
| 8" BL | 801-F-AL ¹ | --- | --- |

¹ Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.

² Made from 6061-T6 aluminum



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



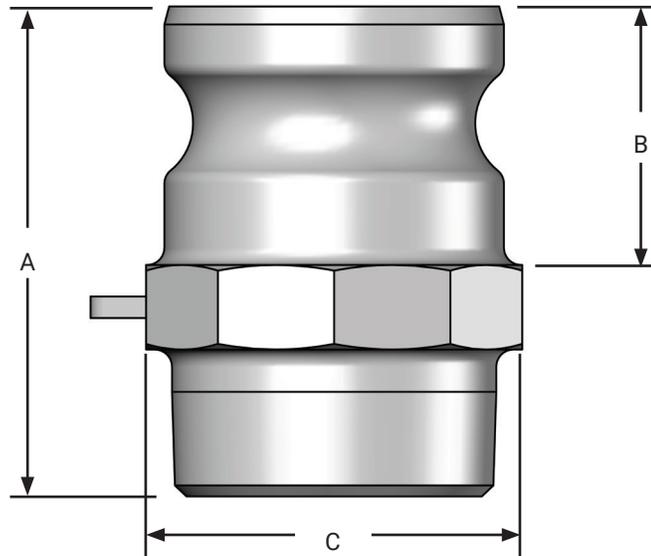
316 stainless

| Size | Unplated Malleable Iron Part # | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|-------------|--------------------------------|------------------------------|----------------------------|
| 1/2" | --- | --- | 50-F-SS |
| 3/4" x 1/2" | --- | --- | 7550-F-SS |
| 3/4" | --- | 75-F-PM ¹ | 75-F-SS |
| 1" | --- | 100-F-PM ¹ | 100-F-SS |
| 1-1/4" | --- | --- | 125-F-SS |
| 1-1/2" | 150-F-MI | 150-F-PM | 150-F-SS |
| 2" | 200-F-MI | 200-F-PM | 200-F-SS |
| 2-1/2" | --- | --- | 250-F-SS |
| 3" | 300-F-MI | 300-F-PM | 300-F-SS |
| 4" | 400-F-MI | 400-F-PM | 400-F-SS |
| 6" | --- | 600-F-PM | 600-F-SS |

¹ Zinc plated carbon steel

Type F Adapters Dimensions

Adapter x Male NPT



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4"x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|-------------------------|---------|---------------|----------|---------|---------|---------|----------|----------|----------|----------|---------|---------|-----------|-----------|
| A overall length | 2-1/2" | 2-3/4" | 3-15/16" | 4-5/8" | 4-7/8" | 5-1/16" | 6-1/32" | 6-1/4" | 6-25/32" | 7-3/16" | 7-5/32" | 9-5/32" | 11-13/16" | 11-7/16" |
| B adapter length | 1-1/16" | 1-1/16" | 1-1/16" | 1-5/16" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | 2-5/16" | 2-1/4" | 3-9/16" | 3-1/16" |
| C distance across flats | 1" | 1-5/16" | 1-3/8" | 1-1/2" | 1-7/8" | 2-1/4" | 2-11/16" | 3-1/4" | 3-3/4" | 4-15/16" | 6-1/2" | 8-1/32" | 10-23/32" | 10-23/32" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" x 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|-------------------------|---------|-------------|---------|---------|----------|--------|----------|----------|----------|----------|----|----------|-----------|----------|
| A overall length | 2-1/8" | 2-1/16" | 2-1/8" | 2-9/16" | 3-7/32" | 3-1/8" | 3-17/32" | 4-5/16" | 4-15/32" | 4-15/16" | -- | 4-15/16" | -- | -- |
| B adapter length | 1-1/16" | 1-1/16" | 1-1/16" | 1-5/16" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | -- | 2-1/4" | -- | -- |
| C distance across flats | 1" | 1-5/16" | 1-5/16" | 1-1/4" | 1-15/16" | 2-1/4" | 2-3/4" | 3-1/4" | 3-3/4" | 5" | -- | 7-3/4" | -- | -- |

Type E Adapters with Swaged Ferrule

Application

- Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes.

Features

- Provides a permanently attached cam & groove fitting when superior coupling retention is required
- Testing tank transport hoses from a wide variety of manufacturers proved the swaged Boss-Lock fitting to be the leader in overall performance
- Other sizes or hose O.D.s available on special order. Consult Dixon® for pricing and availability
- Special equipment required for installation, consult Dixon for pricing and availability



| Size | Hose O.D. | | 316 Stainless Steel Part # |
|------|-----------|----------|----------------------------|
| | from | to | |
| 3/4" | 1-6/64" | 1-22/64" | RE075-1370 |
| 1" | 1-29/64" | 1-35/64" | RE100-1620 |
| 1" | 1-36/64" | 1-44/64" | RE100-1770 |

Type E Adapters with Notched Shank Adapter x Hose Shank

Features

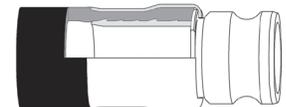
- Can be removed from a damaged hose by cutting away the ferrule without necessarily damaging the fitting, after inspection of the fitting to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule
- System allows you to better manage your inventory: stock one coupling and two ferrules and cover the same hose range with less inventory, you must purchase a fitting and the matching ferrule to create an assembly
- For use with notched ferrules below



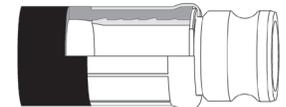
Dixon stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Dixon products.



| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | RE150NO |
| 2" | RE200NO |
| 3" | RE300NO |
| 4" | RE400NO |



swaged assembly



crimped assembly

Notched Ferrules

- Reference notched shanks and adapters above
- Dixon stems and ferrules are specifically designed to be used together as a coupling system, due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Holedall® products.



| Size | Hose O.D. | | 304 Stainless Steel Part # |
|--------|-----------|----------|----------------------------|
| | From | To | |
| 1-1/2" | 1-60/64" | 2-12/64" | GAS2334NO |
| | 2-4/64" | 2-22/64" | GAS2370NO |
| 2" | 2-30/64" | 2-44/64" | GAS2709NO |
| | 2-42/64" | 2-54/64" | GAS2885NO |
| 2-1/2" | 2-54/64" | 3" | GAS3012NO |
| | 3-1/64" | 3-13/64" | GAS3260NO |
| 3" | 3-30/64" | 3-46/64" | GAS3760NO |
| | 3-47/64" | 3-54/64" | GAS3885NO |
| 4" | 4-40/64" | 4-47/64" | GAS5010NO |



Type E Adapters with Notched NOS shank

Adapter x Shank

Features

- System allows you to better manage your inventories, you can stock one stem and two ferrules, and cover the same hose range with less inventory, you must purchase a fitting and the matching ferrule to create an assembly
- For hose outside diameters of 2-4/64" and below, the couplings are crimp only 
- For hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- For use with NOS ferrules listed below



| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | --- |
| 2" | 200ENOSSS |
| 3" | 300ENOSSS |

Only use the NOS shank with the NOS ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturers' stems or ferrules with Dixon® products. 

Notched NOS Ferrules



| Size | Hose O.D. | | 304 Stainless Steel Part # |
|--------|-----------|----------|----------------------------|
| | From | To | |
| 1-1/2" | 1-60/64" | 2-12/64" | GAS2334NOS |
| | 2-4/64" | 2-22/64" | GAS2370NOS |
| 2" | 2-30/64" | 2-44/64" | GAS2709NOS |
| | 2-42/64" | 2-54/64" | GAS2885NOS |
| 3" | 3-30/64" | 3-46/64" | GAS3760NOS |
| | 3-47/64" | 3-54/64" | GAS3885NOS |
| 4" | 4-40/64" | 4-47/64" | GAS5010NOS |

NOTE: Reference notched shanks and adapters above

Dixon® Type DC Dust Caps

Features

- Nitrile rubber gasket supplied standard; other gaskets available on pages 75-77
- 1/2" Dixon has only one cam arm
- Pull rings are not supplied on 1/2" - 1" Dixon couplings
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|--------|--------------------------|---------------------------|--------------|
| 1/2" | 50-DC-AL | --- | 50-DC-BR |
| 3/4" | 75-DC-AL | --- | 75-DC-BR |
| 1" | 100-DC-AL | --- | 100-DC-BR |
| 1-1/2" | 150-DC-AL | 150-DC-ALH | 150-DC-BR |
| 2" | 200-DC-AL | 200-DC-ALH | 200-DC-BR |
| 2-1/2" | 250-DC-AL | --- | --- |
| 3" | 300-DC-AL | 300-DC-ALH | 300-DC-BR |
| 4" | 400-DC-AL | 400-DC-ALH | 400-DC-BR |
| 5" | 500-DC-AL | --- | 500-DC-BR |
| 6" | 600-DC-AL | 600-DC-ALH | --- |
| 8" | 800-DC-AL ^{1,2} | --- | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size

² The 8" Dixon dust cap has 2 cam arms



| Size | Unplated Malleable Iron Part # | 316 Stainless Steel Part # |
|--------|--------------------------------|----------------------------|
| 1/2" | --- | 50-DC-SS |
| 3/4" | --- | 75-DC-SS |
| 1" | --- | 100-DC-SS |
| 1-1/2" | --- | 150-DC-SS |
| 2" | 200-DC-MI | 200-DC-SS |
| 2-1/2" | --- | 250-DC-SS |
| 3" | 300-DC-MI | 300-DC-SS |
| 4" | 400-DC-MI | 400-DC-SS |
| 5" | --- | 500-DC-SS |
| 6" | --- | 600-DC-SS |



356T6 aluminum



aluminum hard coat



brass

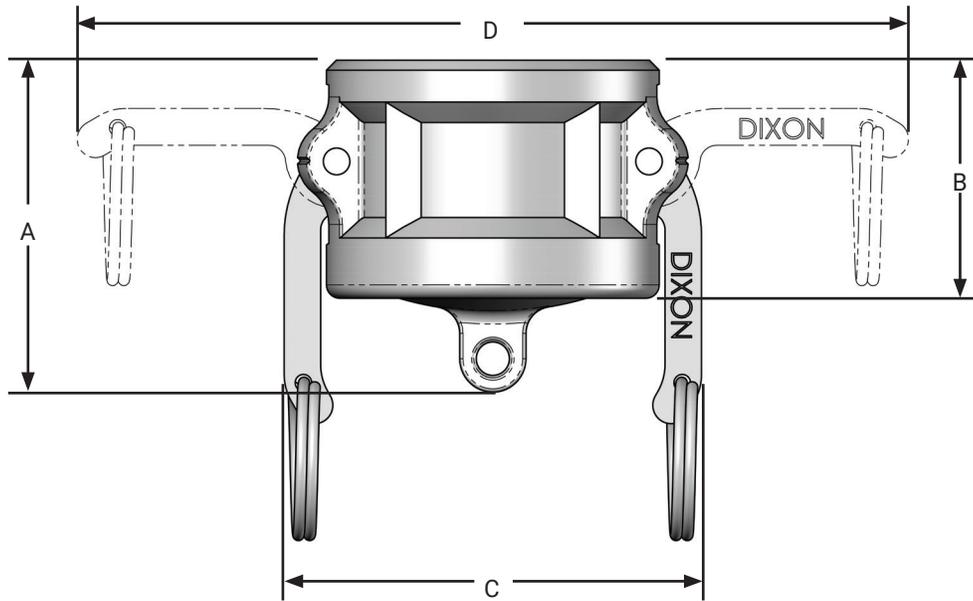


unplated malleable iron



316 stainless steel

Dixon® Type DC Dust Caps Dimensions



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| A overall length | 1-25/32" | 2-1/32" | 2-11/32" | 2-11/16" | 3" | 2-7/8" | 3-1/8" | 3-21/32" | 3-1/2" | 3-3/16" | 5-7/16" |
| B coupler length | 1-7/32" | 1-11/32" | 1-21/32" | 1-13/16" | 2-7/32" | 2-3/16" | 2-1/4" | 2-5/16" | 2-5/16" | 2-5/8" | 3-13/16" |
| C distance across safety lugs | 1-17/32" | 2-1/8" | 2-7/16" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" | 12-1/32" |
| D distance across open cam arms | 2-11/16" | 4-3/8" | 5-3/16" | 7-7/16" | 7-13/16" | 8-11/32" | 10-3/32" | 11-3/16" | 12-3/16" | 16-1/4" | 19-31/32" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" |
|-----------------------------------|----------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| A overall length | 1-23/32" | 1-3/4" | 2-3/16" | 2-13/16" | 3-3/32" | 3-1/16" | 3-1/8" | 3-17/32" | 3-3/8" | 3-3/4" |
| B coupler length | 1-7/32" | 1-1/4" | 1-9/16" | 1-29/32" | 2-7/32" | 2-1/4" | 2-9/32" | 2-9/32" | 2-7/16" | 2-19/32" |
| C distance across closed cam arms | 1-17/32" | 2-1/8" | 2-7/16" | 3-9/16" | 3-15/16" | 4-7/16" | 5-15/32" | 6-9/16" | 7-9/16" | 10-3/32" |
| D distance across open cam arms | 2-5/8" | 4-3/8" | 5-3/16" | 7-7/16" | 7-13/16" | 8-11/32" | 9-15/16" | 11-1/32" | 12-3/16" | 16-1/4" |

Dixon® Lockable Dust Caps

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



| Size | 356T6 Aluminum Part # | Brass Part # |
|--------|-----------------------|--------------|
| 1-1/2" | 150DC-LAL | 150DC-LBR |
| 2" | 200DC-LAL | 200DC-LBR |
| 3" | 300DC-LAL | 300DC-LBR |
| 4" | 400DC-LAL | --- |
| 6" | 600DC-LAL | --- |



Feature

- Angled, ergonomic thumb release

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | 150DC-LSS |
| 2" | 200DC-LSS |
| 3" | 300DC-LSS |
| 4" | 400DC-LSS |



Boss-Lock Type H Dust Caps

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- Supplied with pull-ring safety clips
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



| Size | 356T6 Aluminum Part # | Brass Part # |
|--------|-----------------------|--------------|
| 1" | AH100 | BH100 |
| 1-1/4" | AH125 | BH125 |
| 1-1/2" | AH150 | BH150 |
| 2" | AH200 | BH200 |
| 2-1/2" | AH250 | BH250 |
| 3" | AH300 | BH300 |
| 4" | AH400 | BH400 |
| 6" | AH600 | BH600 |
| 8" | AH800 ¹ | --- |



356T6 aluminum



brass



plated malleable iron

| Size | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|--------|------------------------------|----------------------------|
| 3/4" | --- | RH075BL |
| 1" | --- | RH100BL |
| 1-1/4" | --- | RH125BL |
| 1-1/2" | IH150 | RH150BL |
| 2" | IH200 | RH200BL |
| 3" | IH300 | RH300BL |
| 4" | IH400 | RH400BL |
| 6" | IH600 | --- |

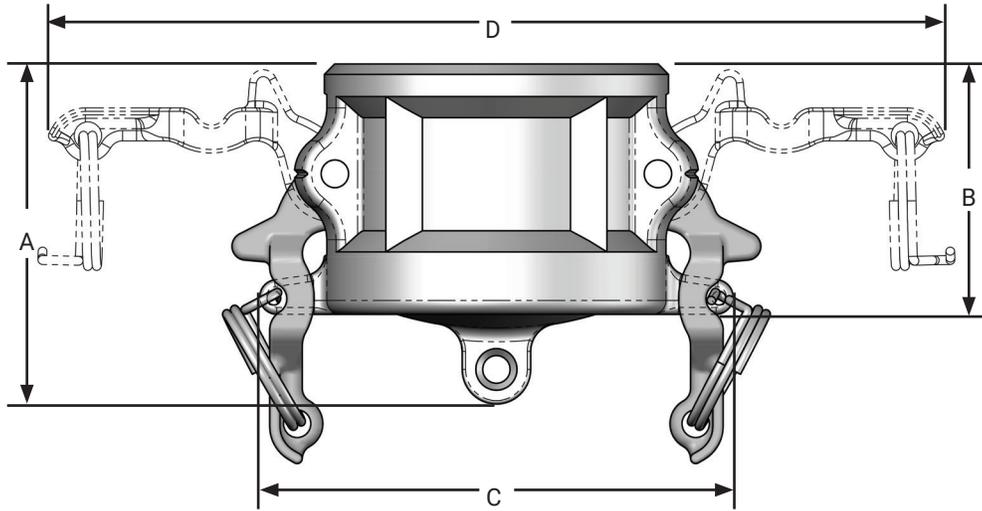


316 stainless steel

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size



Boss-Lock Type H Dust Caps Dimensions



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" | 8" |
|---------------------------------|----------|----------|----------|---------|----------|----------|----------|----------|----------|
| A overall length | 2-3/16" | 2-3/4" | 2-15/16" | 3-1/16" | 3-7/32" | 3-1/8" | 3-11/32" | 3-29/32" | 4-9/16" |
| B coupler length | 1-17/32" | 1-29/32" | 1-29/32" | 2-3/16" | 2-1/4" | 2-5/16" | 2-5/16" | 2-5/8" | 2-13/16" |
| C distance across safety lugs | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 4-13/16" | 5-9/16" | 6-11/16" | 9-5/8" | 11-5/8" |
| D distance across open cam arms | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 8-21/32" | 9-29/32" | 11" | 16-5/32" | 18-5/32" |

316 Stainless Steel Dimensions

| Size | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---------------------------------|----------|----------|----------|----------|---------|----------|----------|
| A overall length | 1-15/16" | 2-1/4" | 2-3/4" | 2-13/16" | 3-1/16" | 3-1/8" | 3-19/32" |
| B coupler length | 1-9/32" | 1-9/16" | 1-29/32" | 1-29/32" | 2-1/4" | 2-9/32" | 2-5/16" |
| C distance across safety lugs | 2-25/32" | 2-29/32" | 3-5/8" | 3-29/32" | 4-5/16" | 5-9/16" | 6-11/16" |
| D distance across open cam arms | 5-13/32" | 5-9/16" | 7-15/32" | 7-25/32" | 8-5/32" | 9-29/32" | 11" |

EZ Boss-Lock Type H Dust Caps

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|--------|-----------------------|--------------|----------------------------|
| 3/4" | --- | --- | RH075EZ |
| 1" | AH100EZ | BH100EZ | RH100EZ |
| 1-1/4" | --- | --- | RH125EZ |
| 1-1/2" | AH150EZ | BH150EZ | RH150EZ |
| 2" | AH200EZ | BH200EZ | RH200EZ |
| 2-1/2" | AH250EZ | --- | --- |
| 3" | AH300EZ | BH300EZ | RH300EZ |
| 4" | AH400EZ | --- | RH400EZ |
| 6" | AH600EZ | --- | RH600EZ |



356T6 aluminum

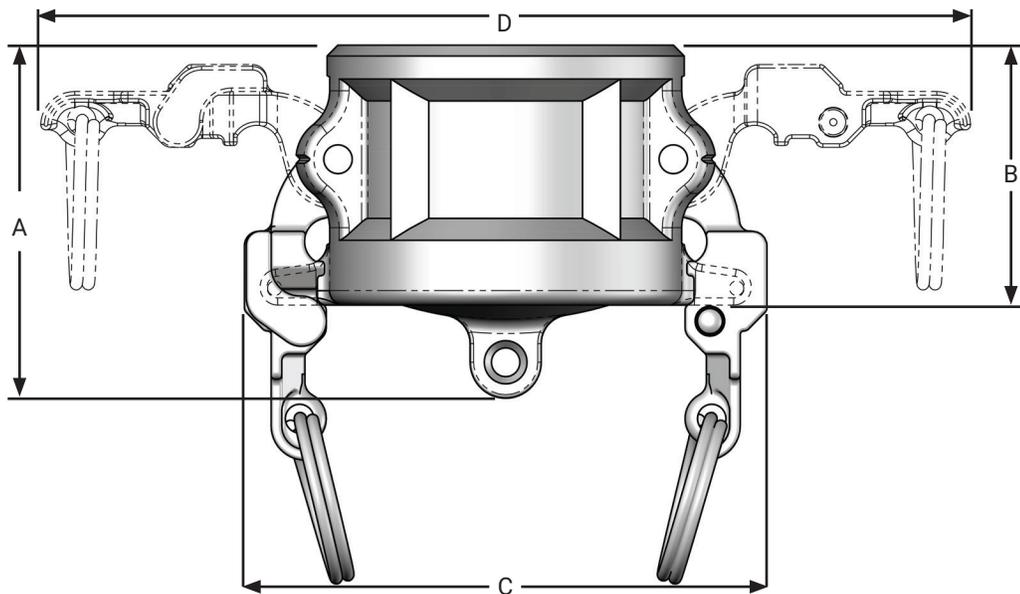


brass



316 stainless steel

NOTE: Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically designed for their use. See pages 5 and 73 for further specifications.



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 6" |
|-----------------------------------|---------|---------|---------|---------|---------|---------|----------|
| A overall length | 2-3/16 | 2-15/16 | 3-1/16 | 3-7/32 | 3-1/8 | 3-11/32 | 3-29/32 |
| B coupler length | 1-17/32 | 1-29/32 | 2-3/16 | 2-1/4 | 2-5/16 | 2-5/16 | 2-5/8 |
| C distance across closed cam arms | 3-7/32 | 4-7/32 | 4-19/32 | 5-1/16 | 5-27/32 | 6-15/16 | 9-31/32 |
| D distance across open cam arms | 6-11/32 | 7-25/32 | 8-5/32 | 8-21/32 | 9-29/32 | 11 | 16-25/32 |

316 Stainless Steel Dimensions

| Size | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" | 6" |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|----------|
| A overall length | 1-15/16 | 2-1/4 | 2-3/4 | 2-13/16 | 3-1/16 | 3-1/8 | 3-19/32 | 3-3/4 |
| B coupler length | 1-9/32 | 1-9/16 | 1-29/32 | 1-29/32 | 2-1/4 | 2-9/32 | 2-5/16 | 2-19/32 |
| C distance across closed cam arms | 3-3/32 | 3-1/4 | 3-29/32 | 4-7/32 | 4-19/32 | 5-27/32 | 6-15/16 | 9-31/32 |
| D distance across open cam arms | 6-7/32 | 6-11/32 | 7-15/32 | 7-25/32 | 8-5/32 | 9-29/32 | 11 | 16-25/32 |

Type DP Dust Plugs

Feature

- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



356T6 aluminum



aluminum hard coat



brass



unplated malleable iron



plated malleable iron



316 stainless steel

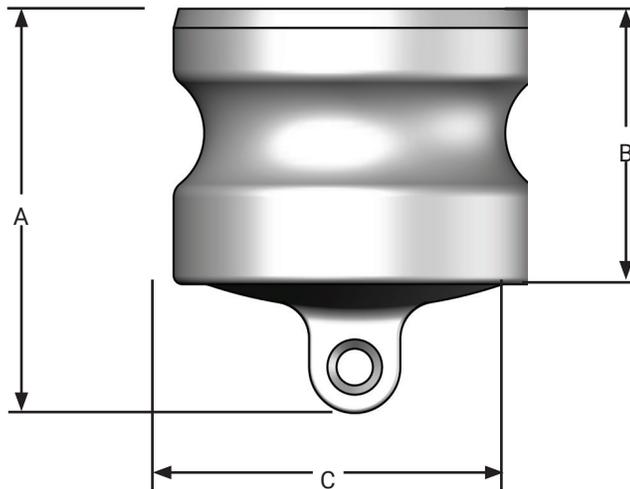
| Size | 356T6 Aluminum Part # | Aluminum Hard Coat Part # | Brass Part # |
|--------|------------------------|---------------------------|--------------|
| 1/2" | --- | --- | 50-DP-BR |
| 3/4" | 75-DP-AL | --- | 75-DP-BR |
| 1" | 100-DP-AL | --- | 100-DP-BR |
| 1-1/4" | 125-DP-AL | --- | 125-DP-BR |
| 1-1/2" | 150-DP-AL | 150-DP-ALH | 150-DP-BR |
| 2" | 200-DP-AL | 200-DP-ALH | 200-DP-BR |
| 2-1/2" | 250-DP-AL | --- | --- |
| 3" | 300-DP-AL | 300-DP-ALH | 300-DP-BR |
| 4" | 400-DP-AL | 400-DP-ALH | 400-DP-BR |
| 5" | 500-DP-AL | --- | --- |
| 6" | 600-DP-AL | --- | 600-DP-BR |
| 8" DIX | 800-DP-AL ¹ | --- | --- |
| 8" BL | 801-DP-AL ¹ | --- | --- |

¹ Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size



| Size | Unplated Malleable Iron Part # | Plated Malleable Iron Part # | 316 Stainless Steel Part # |
|--------|--------------------------------|------------------------------|----------------------------|
| 1/2" | --- | --- | 50-DP-SS ¹ |
| 3/4" | --- | --- | 75-DP-SS |
| 1" | --- | --- | 100-DP-SS |
| 1-1/4" | --- | --- | 125-DP-SS |
| 1-1/2" | --- | --- | 150-DP-SS |
| 2" | 200-DP-MI | 200-DP-PM | 200-DP-SS |
| 2-1/2" | --- | --- | 250-DP-SS |
| 3" | 300-DP-MI | 300-DP-PM | 300-DP-SS |
| 4" | 400-DP-MI | 400-DP-PM | 400-DP-SS |
| 6" | --- | --- | 600-DP-SS |

Type DP Dust Plugs Dimensions



356T6 Aluminum, Brass, and Iron Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|------------------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| A overall length | 1-7/16" | 1-3/4" | 1-29/32" | 2-3/8" | 2-13/32" | 2-13/16" | 2-13/16" | 2-13/16" | 3-1/16" | 3-3/8" | 3-1/16" | 5-3/16" | 4-11/16" |
| B adapter length | 15/16" | 1-3/32" | 1-5/16" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | 2-11/32" | 2-1/4" | 3-9/16" | 3-1/16" |
| C outside O.D. | 15/16" | 1-1/4" | 1-7/16" | 1-25/32" | 2-3/32" | 2-15/32" | 2-31/32" | 3-19/32" | 4-23/32" | 5-23/32" | 6-15/16" | 9-3/32" | 8-15/16" |

316 Stainless Steel Dimensions

| Size | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 4" | 5" | 6" | 8" DIX | 8" BL |
|------------------|---------|----------|----------|----------|---------|----------|----------|----------|----------|-----|----------|--------|-------|
| A overall length | 1-7/16" | 1-11/16" | 1-15/16" | 2-1/4" | 2-1/2" | 2-3/4" | 2-7/8" | 2-27/32" | 3-1/8" | --- | 3-1/2" | --- | --- |
| B adapter length | 15/16" | 15/16" | 1-15/16" | 1-9/16" | 1-5/8" | 1-7/8" | 1-15/16" | 2" | 2-1/16" | --- | 2-1/4" | --- | --- |
| C outside O.D. | 15/16" | 1-1/4" | 1-7/16" | 1-25/32" | 2-3/32" | 2-15/32" | 2-31/32" | 3-19/32" | 4-23/32" | --- | 6-15/16" | --- | --- |

**Hastelloy® Cam & Groove
Type A Adapters
Adapter x Female NPT**



| Size | Hastelloy CW12MW Part # |
|--------|-------------------------|
| 1" | 100-A-HA |
| 1-1/2" | 150-A-HA |
| 2" | 200-A-HA |
| 3" | 300-A-HA |

NOTE: Pressure rating is based on the seal material of the mating part. See rating on page 3

**Hastelloy Cam & Groove
Type E Adapters
Adapter x Shank**



| Size | Hastelloy CW12MW Part # |
|--------|-------------------------|
| 1" | 100-E-HA ¹ |
| 1-1/2" | 150-E-HA |
| 2" | 200-E-HA ¹ |
| 3" | 300-E-HA |

¹ Have King Crimp® shank

NOTE: Pressure rating is based on the seal material of the mating part. See rating on page 3

**Hastelloy Cam & Groove
Type F Adapters
Adapter x Male NPT**



| Size | Hastelloy CW12MW Part # |
|--------|-------------------------|
| 1" | 100-F-HA |
| 1-1/2" | 150-F-HA |
| 2" | 200-F-HA |
| 3" | 300-F-HA |

NOTE: Pressure rating is based on the seal material of the mating part. See rating on page 3.

Hastelloy® Cam & Groove EZ Boss-Lock Type B Couplers

Coupler x Male NPT

Feature

- Couplers supplied with FKM-A gaskets

Materials

- Cam arms: 316 stainless steel
- Pins: 303 stainless steel
- Rings: Trivalent chrome plated 12 gauge steel wire

| Size | Hastelloy CW12MW Part # |
|--------|----------------------------|
| 1" | HAB100EZ |
| 1-1/2" | HAB150EZ |
| 2" | HAB200EZ |
| 3" | HAB300EZ |



Hastelloy Cam & Groove EZ Boss-Lock Type C Couplers

Coupler x Hose Shank

Feature

- Couplers supplied with FKM-A gaskets

Materials

- Cam arms: 316 stainless steel
- Pins: 303 stainless steel
- Rings: Trivalent chrome plated 12 gauge steel wire

| Size | Hastelloy CW12MW Part # |
|--------|----------------------------|
| 1" | HAC100EZ ¹ |
| 1-1/2" | HAC150EZ |
| 2" | HAC200EZ ¹ |
| 3" | HAC300EZ |



¹ King Crimp® shank

Hastelloy Cam & Groove EZ Boss-Lock Type D Couplers

Coupler x Female NPT

Feature

- Couplers supplied with FKM-A gaskets

Materials

- Cam arms: 316 stainless steel
- Pins: 303 stainless steel
- Rings: Trivalent chrome plated 12 gauge steel wire

| Size | Hastelloy CW12MW Part # |
|--------|----------------------------|
| 1" | HAD100EZ |
| 1-1/2" | HAD150EZ |
| 2" | HAD200EZ |
| 3" | HAD300EZ |



Dixon® Type DA Couplings with Port

Coupler x Adapter



port on lug

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | Port | 316 Stainless Steel Part # |
|---------|------|----------------------------|
| 3" x 3" | 1/4" | 300DAT25SS |
| 3" x 3" | 3/8" | 300DAT38SS |
| 3" x 3" | 1/2" | 300DAT50SS |
| 3" x 3" | 3/4" | 300DAT75SS |

Dixon Type DA Jump Size Couplings

Coupler x Adapter

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77



4030-DA-SS



4060-DA-AL



2015-DA-AL



5060-DA-AL

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|---------------------------|----------------------------|
| 1" x 1-1/2" | 1015-DA-AL ¹ | 1015-DA-SS ¹ |
| 1-1/2" x 1" | 1510DAAL | 1510-DA-SS ¹ |
| 1-1/2" x 2" | 1520-DA-AL | 1520-DA-SS |
| 2" x 1" | 2010-DA-AL ¹ | 2010-DA-SS |
| 2" x 1-1/2" | 2015-DA-AL | 2015-DA-SS |
| 2" x 2-1/2" | 2025-DA-AL ¹ | 2025-DA-SS ¹ |
| 2" x 3" | 2030-DA-AL | 2030-DA-SS |
| 2" x 4" | 2040-DA-AL | 2040-DA-SS ¹ |
| 2-1/2" x 2" | --- | 2520-DA-SS ¹ |
| 2-1/2" x 3" | --- | 2530-DA-SS ¹ |
| 3" x 1-1/2" | 3015-DA-AL | 3015-DA-SS ¹ |
| 3" x 2" | 3020-DA-AL | 3020-DA-SS |
| 3" x 2-1/2" | 3025-DA-AL | 3025-DA-SS ¹ |
| 3" x 4" | 3040-DA-AL | 3040-DA-SS |
| 3" x 6" | 3060-DA-AL ¹ | 3060-DA-SS ¹ |
| 4" x 2" | 4020-DA-AL | 4020-DA-SS ¹ |
| 4" x 2-1/2" | 4025-DA-AL | 4025-DA-SS ¹ |
| 4" x 3" | 4030-DA-AL | 4030-DA-SS |
| 4" x 5" | 4050-DA-AL | --- |
| 4" x 6" | 4060-DA-AL | 4060-DA-SS ¹ |
| 5" x 3" | 5030-DA-AL ¹ | 5030-DA-SS ¹ |
| 5" x 4" | 5040-DA-AL | 5040-DA-SS ¹ |
| 5" x 6" | 5060-DA-AL ¹ | 5060-DA-SS ¹ |
| 6" x 3" | 6030-DA-AL | 6030-DA-SS ¹ |
| 6" x 4" | 6040-DA-AL | 6040-DA-SS |
| 6" x 5" | 6050-DA-AL | 6050-DA-SS ¹ |
| 8" x 6" | 8060-DA-AL ^{1,2} | --- |

¹ Parts are produced as a welded fabrication

² The 8" coupler only interchanges with Dixon® adapters.



| Size | Brass Part # | Unplated Malleable Iron Part # |
|---------|--------------|--------------------------------|
| 3" x 2" | 3020-DA-BR | 3020-DA-MI |
| 3" x 4" | 3040-DA-BR | --- |
| 4" x 3" | 4030-DA-BR | 4030-DA-MI |
| 6" x 4" | 6040-DA-BR | 6040-DA-MI |

NOTE: In jump size cam & groove couplings, the coupler is the first size in the part number. (i.e., a 4030-DA-AL is a 4" coupler to a 3" adapter)

Boss-Lock Type DA Jump Size Couplings Coupler x Adapter

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|--------------------------|-------------------------------|
| 2" x 3" | ADA2030 ¹ | RDA2030BL ¹ |
| 2-1/2" x 2" | ADA2520 ¹ | --- |
| 2-1/2" x 3" | ADA2530 ¹ | --- |
| 3" x 2" | ADA3020 | RDA3020BL |
| 3" x 4" | ADA3040 ¹ | RDA3040BL ¹ |
| 4" x 2" | ADA4020 ¹ | RDA4020BL ¹ |
| 4" x 3" | ADA4030 | RDA4030BL |
| 6" x 4" | ADA6040 ¹ | --- |
| 8" x 6" | ADA8060 ^{1,2} | --- |



- ¹ Parts are produced as a welded fabrication
- ² The 8" coupler only interchanges with 8" Boss-Lock couplings.



NOTE: In jump size cam & groove couplings, the coupler is the first size in the part number. (i.e., a ADA4030 is a 4" coupler to a 3" adapter)

EZ Boss-Lock Type DA Jump Size Couplings Coupler x Adapter

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|---------|--------------------------|-------------------------------|
| 2" x 1" | --- | RDA2010EZ ¹ |
| 2" x 3" | ADA2030EZ ¹ | RDA2030EZ ¹ |
| 3" x 2" | ADA3020EZ | RDA3020EZ |
| 3" x 4" | ADA3040EZ ¹ | RDA3040EZ ¹ |
| 4" x 2" | ADA4020EZ ¹ | RDA4020EZ ¹ |
| 4" x 3" | ADA4030EZ | RDA4030EZ |
| 6" x 4" | ADA6040EZ ¹ | RDA6040EZ |



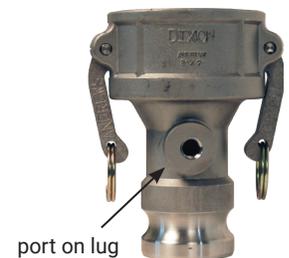
- ¹ Parts are produced as a welded fabrication
- NOTE: In jump size cam & groove couplings, the coupler is the first size in the part number. (i.e., a ADA4030EZ is a 4" coupler to a 3" adapter)

Dixon® Type DA Jump Size Couplings with Port Coupler x Adapter

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | Port | 316 Stainless Steel Part # |
|---------|------|-------------------------------|
| 3" x 2" | 1/4" | 3020DAT25SS |
| 3" x 2" | 3/8" | 3020DAT38SS |
| 3" x 2" | 1/2" | 3020DAT50SS |
| 3" x 2" | 3/4" | 3020DAT75SS |



NOTE: In jump size cam & groove couplings, the coupler is the first size in the part number. (i.e., a ADA4030EZ is a 4" coupler to a 3" adapter)

Type AA Spool Adapters

Adapter x Adapter

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3



increaser / reducer



same size



reducer / increaser



same size



reducer / increaser



same size

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # | Unplated Malleable Iron Part # |
|-------------|-------------------------|----------------------------|--------------------------------|
| 1" | --- | 100-AA-SS | --- |
| 1-1/4" | --- | 125-AA-SS ¹ | --- |
| 1-1/2" | 150-AA-AL | 150-AA-SS | --- |
| 1-1/2" x 2" | 1520-AA-AL | 1520-AA-SS | --- |
| 2" | 200-AA-AL | 200-AA-SS | --- |
| 2" x 3" | 2030-AA-AL | 2030-AA-SS | --- |
| 2" x 4" | 2040-AA-AL | 2040-AA-SS ¹ | --- |
| 2-1/2" x 3" | 2530-AA-AL ¹ | 2530-AA-SS ¹ | --- |
| 2-1/2" x 4" | 2540-AA-AL ¹ | --- | --- |
| 3" | 300-AA-AL | 300-AA-SS | --- |
| 3" x 4" | 3040-AA-AL | 3040-AA-SS ¹ | --- |
| 4" | 400-AA-AL | 400-AA-SS | 400-AA-MI |
| 4" x 5" | 4050-AA-AL | --- | --- |
| 4" x 6" | 4060-AA-AL | 4060-AA-SS ¹ | --- |
| 5" | 500-AA-AL ¹ | 500-AA-SS ¹ | --- |
| 5" x 6" | 5060-AA-AL ¹ | --- | --- |
| 6" | 600-AA-AL | 600-AA-SS ¹ | --- |

¹ Parts are produced as a welded fabrication

| Size | Brass Part # |
|------|--------------|
| 2" | 200-AA-BR |
| 3" | 300-AA-BR |

Dixon® Type DD Couplers

Coupler x Coupler

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|---------|-------------------------|----------------------------|
| 1-1/2" | --- | 150-DD-SS ¹ |
| 2" | 200-DD-AL | 200-DD-SS |
| 2" x 3" | 2030-DD-AL | 2030-DD-SS |
| 3" | 300-DD-AL | 300-DD-SS |
| 3" x 4" | 3040-DD-AL | 3040-DD-SS ¹ |
| 4" | 400-DD-AL | 400-DD-SS |
| 4" x 5" | 4050-DD-AL ¹ | 4050-DD-SS ¹ |
| 4" x 6" | 4060-DD-AL ¹ | 4060-DD-SS |
| 5" | 500-DD-AL ¹ | 500-DD-SS |
| 6" | 600-DD-AL | --- |

¹ Parts are produced as a welded fabrication

Boss-Lock Type DD Couplers

Coupler x Coupler

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|---------|-----------------------|----------------------------|
| 2" | ADD200 ¹ | RDD200EZ |
| 2" x 1" | --- | RDD2010EZ ¹ |
| 2" x 3" | ADD2030 ¹ | RDD2030EZ ¹ |
| 3" | ADD300 ¹ | RDD300EZ ¹ |
| 3" x 4" | ADD3040 ¹ | RDD3040EZ ¹ |
| 4" | ADD400 ¹ | RDD400EZ ¹ |
| 6" | --- | RDD600EZ ¹ |

¹ Parts are produced as a welded fabrication

Type A Jump Size Adapters

Adapter x Female NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3

| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|-------------|-----------------------|--------------|----------------------------|
| 2" x 1-1/2" | 2015-A-AL | --- | 2015-A-SS ¹ |
| 2" x 3" | 2030-A-AL | --- | 2030-A-SS |
| 2-1/2" x 2" | --- | 2520-A-BR | --- |
| 3" x 2" | 3020-A-AL | --- | 3020-A-SS |
| 3" x 4" | 3040-A-AL | --- | --- |
| 4" x 3" | 4030-A-AL | --- | 4030-A-SS ¹ |
| 4" x 6" | 4060-A-AL | --- | --- |
| 6" x 4" | 6040-A-AL | --- | 6040-A-SS ¹ |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).



Dixon® Type B Jump Size Couplers

Coupler x Male NPT

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|-----------------------|----------------------------|
| 1-1/2" x 1" | 1510-B-AL | 1510-B-SS ¹ |
| 2" x 1-1/2" | 2015-B-AL | 2015-B-SS ¹ |
| 2" x 3" | 2030-B-AL | --- |
| 3" x 2" | 3020-B-AL | 3020-B-SS ¹ |
| 3" x 4" | 3040-B-AL | --- |
| 4" x 3" | 4030-B-AL | 4030-B-SS ¹ |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).



Dixon Type C Jump Size Couplers

Coupler x Hose Shank

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|------------------------|----------------------------|
| 1-1/2" x 1" | --- | 1510-C-SS |
| 2" x 1-1/2" | 2015-C-AL ¹ | 2015-C-SS ¹ |
| 3" x 2" | 3020-C-AL | 3020-C-SS |
| 3" x 2-1/2" | --- | 3025-C-SS |
| 3" x 4" | 3040-C-AL | --- |
| 4" x 3" | 4030-C-AL | 4030-C-SS ¹ |
| 5" x 4" | 5040-C-AL ¹ | --- |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).



EZ Boss-Lock Type C Jump Size Coupler

Coupler x King Crimp® Hose Shank

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 316 Stainless Steel Part # |
|-------------|----------------------------|
| 3" x 2-1/2" | RC3025EZCR |

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).

New



Dixon® Type D Jump Size Couplers

Coupler x Female NPT

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77



| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|-------------|------------------------|--------------|----------------------------|
| 1-1/2" x 1" | 1510-D-AL | --- | 1510-D-SS ¹ |
| 2" x 1-1/2" | 2015-D-AL | --- | 2015-D-SS |
| 3" x 2" | 3020-D-AL | --- | 3020-D-SS |
| 4" x 3" | 4030-D-AL | 4030-D-BR | 4030-D-SS ¹ |
| 5" x 4" | 5040-D-AL ¹ | --- | --- |
| 6" x 4" | 6040-D-AL ¹ | --- | --- |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).

Type E Jump Size Adapters

Adapter x Hose Shank

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3



| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|------------------------|----------------------------|
| 1-1/2" x 1" | --- | 1510-E-SS |
| 2" x 1-1/2" | 2015-E-AL ¹ | 2015-E-SS ¹ |
| 3" x 2" | --- | 3020-E-SS ¹ |
| 3" x 2-1/2" | --- | 3025-E-SS |
| 4" x 3" | 4030-E-AL | 4030-E-SS ¹ |
| 5" x 4" | 5040-E-AL ¹ | --- |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-B-AL is a 4" coupler to a 3" male NPT).

Type F Jump Size Adapters

Adapter x Male NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3



| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|-------------|-----------------------|----------------------------|
| 1-1/2" x 2" | 1520-F-AL | --- |
| 2" x 1-1/2" | 2015-F-AL | 2015-F-SS |
| 2" x 3" | 2030-F-AL | --- |
| 3" x 1-1/2" | 3015-F-AL | 3015-F-SS ¹ |
| 3" x 2" | 3020-F-AL | 3020-F-SS |
| 3" x 4" | 3040-F-AL | --- |
| 4" x 3" | 4030-F-AL | 4030-F-SS |

¹ Parts are produced as a welded fabrication

NOTE: In jump size couplings, the cam & groove end is the first size given in the part number. (i.e., a 4030-C-AL is a 4" coupler to a 3" hose shank).

Dixon® Type DA 45° Elbows Adapter x Coupler

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # | Unplated Malleable Iron Part # |
|------|--------------------------|-------------------------------|-----------------------------------|
| 2" | 200DA-45AL ¹ | 200DA-45SS ¹ | --- |
| 3" | 300DA-45AL | 300DA-45SS ¹ | --- |
| 4" | 400DA-45AL | 400DA-45SS ¹ | 400DA-45MI |
| 6" | 600DA-45AL | --- | --- |

¹ Part is produced as a welded fabrication



Dixon Type DD 45° Elbows Coupler x Coupler

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | 200DD-45AL ¹ | --- |
| 3" | 300DD-45AL ¹ | 300DD-45SS ¹ |
| 4" | 400DD-45AL | --- |
| 6" | 600DD-45AL ¹ | --- |

¹ Part is produced as a welded fabrication



Dixon Type DA 90° Elbows Adapter x Coupler

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|--------------------------|-------------------------------|
| 1" | --- | 100DA-90SS ¹ |
| 1-1/2" | 150DA-90AL ¹ | 150DA-90SS ¹ |
| 2" | 200DA-90AL | 200DA-90SS |
| 3" | 300DA-90AL | 300DA-90SS |
| 4" | 400DA-90AL | 400DA-90SS |
| 5" | 500DA-90AL ¹ | --- |
| 6" | 600DA-90AL | RDA90600EZ ^{1,2} |

¹ Part is produced as a welded fabrication

² EZ Boss-Lock design (not pictured)



Dixon Type DD 90° Elbows Coupler x Coupler

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | 200DD-90AL | --- |
| 3" | 300DD-90AL | 300DD-90SS ¹ |
| 4" | 400DD-90AL | --- |
| 6" | 600DD-90AL | --- |

¹ Part is produced as a welded fabrication



Type A 90° Elbows Adapter x Female NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|--------------------------|-------------------------------|
| 1-1/2" | 150A-90AL | --- |
| 2" | 200A-90AL | 200A-90SS ¹ |
| 3" | 300A-90AL | 300A-90SS |
| 4" | 400A-90AL | --- |

¹ Part is produced as a welded fabrication



Dixon® Type B 90° Elbows Coupler x Male NPT



Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-----------------------|----------------------------|
| 1-1/2" | 150B-90AL | --- |
| 2" | 200B-90AL | 200B-90SS ¹ |
| 3" | --- | 300B-90SS ¹ |

¹ Parts are produced as a welded fabrication.

Dixon Type C 90° Elbows Coupler x Hose Shank



Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|--------|-----------------------|--------------|----------------------------|
| 1-1/4" | --- | 125C-90BR | --- |
| 1-1/2" | 150C-90AL | --- | 150C-90SS |
| 2" | 200C-90AL | 200C-90BR | 200C-90SS |
| 3" | 300C-90AL | --- | 300C-90SS |
| 4" | 400C-90AL | --- | 400C-90SS ¹ |
| 6" | 600C-90AL | --- | --- |

¹ Part is produced as a welded fabrication

Dixon Type D 90° Elbows Coupler x Female NPT



EZ Boss-Lock design

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | 356T6 Aluminum Part # | Brass Part # | 316 Stainless Steel Part # |
|--------|------------------------|------------------------|----------------------------|
| 1" | --- | --- | 100D-90SS |
| 1-1/4" | --- | 125D-90BR | --- |
| 1-1/2" | 150D-90AL | 150D-90BR | --- |
| 2" | 200D-90AL | 200D-90BR | 200D-90SS |
| 2" | --- | BD90200EZ ² | --- |
| 3" | 300D-90AL | --- | 300D-90SS |
| 4" | 400D-90AL | --- | 400D-90SS ¹ |
| 4" | AD90400EZ ² | --- | --- |
| 6" | 600D-90AL | --- | --- |

¹ Part is produced as a welded fabrication

² EZ Boss-Lock design

Type E 90° Elbows

Adapter x Hose Shank

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|------|--------------------------|-------------------------------|
| 2" | --- | 200E-90SS ¹ |
| 3" | 300E-90AL | 300E-90SS |
| 4" | 400E-90AL | 400E-90SS ¹ |

¹ Parts are produced as a welded fabrication



Type F 90° Elbows

Adapter x Male NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3

| Size | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|--------------------------|-------------------------------|
| 1-1/2" | 150F-90AL | --- |
| 2" | 200F90AL | 200F-90SS ¹ |
| 3" | --- | 300F-90SS ¹ |

¹ Parts are produced as a welded fabrication



Type F 15° Elbows

Adapter x Male NPT

Feature

- Pressure rating is based on the seal of the mating part, see ratings on page 3

| Size | 316 Stainless Steel Part # |
|------|-------------------------------|
| 2" | 200F-15SS |

New



Adapter x 150# Flange

Features

- Aluminum and unplated iron flanges are flat face
- Stainless steel flanges are raised face
- Reference dixonvalve.com for flange bolt hole drilling circle standards
- Flanges are designed to mate with 150# flanges
- Flanges have the same bolt hole pattern as an ANSI 150 lb. flange, the thickness may vary



| Size | 356T6 Aluminum Part # | Flange Thick. | Unplated Malleable Iron Part # | Flange Thick. | 316 Stainless Steel Part # | Flange Thick. |
|--------|------------------------|---------------|--------------------------------|---------------|----------------------------|---------------|
| 1" | --- | --- | --- | --- | 100-AL-SS | 9/16" |
| 1-1/2" | --- | --- | --- | --- | 150-AL-SS | 11/16" |
| 2" | 200-AL-AL | 3/4" | --- | --- | 200-AL-SS | 7/16" |
| 3" | 300-AL-AL | 5/8" | 300-AL-MI | 5/8" | 300-AL-SS | 7/16" |
| 4" | 400-AL-AL | 5/8" | --- | --- | 400-AL-SS | 7/16" |
| 6" | 600-AL-AL | 5/8" | --- | --- | 600-AL-SS | 5/8" |
| 8" | 800-AL-AL ¹ | 1-1/8" | --- | --- | --- | --- |

¹ Part is produced as a welded fabrication

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

Adapter x 150# ANSI Flange

Feature

- Global product made to Dixon® specifications



| Size | 316 Stainless Steel Part # | Flange Thickness |
|------|----------------------------|------------------|
| 2" | 200-AL-SSANSI | 3/4" |
| 3" | 300-AL-SSANSI | 15/16" |

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

Dixon Coupler x 150# Flange

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77



| Size | 356T6 Aluminum Part # | Flange Thick | 316 Stainless Steel Part # | Flange Thick. |
|--------|------------------------|--------------|----------------------------|---------------|
| 1" | --- | --- | 100-DL-SS | 21/32" |
| 1-1/2" | --- | --- | 150-DL-SS | 25/32" |
| 2" | 200-DL-AL | 3/4" | 200-DL-SS | 7/16" |
| 3" | 300-DL-AL | 15/16" | 300-DL-SS | 7/16" |
| 4" | 400-DL-AL | 15/16" | 400-DL-SS | 7/16" |
| 6" | 600-DL-AL | 1" | 600-DL-SS | 5/8" |
| 8" | 800-DL-AL ¹ | 1-1/8" | --- | --- |

¹ Part is produced as a welded fabrication

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

EZ Boss-Lock Coupler x 150# Flange

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77



| Size | 316 Stainless Steel Part # | Flange Thickness |
|--------|----------------------------|------------------|
| 1" | RDL100EZ ¹ | 9/16" |
| 1-1/2" | RDL150EZ ¹ | 11/16" |
| 2" | RDL200EZ | 7/16" |
| 3" | RDL300EZ ¹ | 7/16" |
| 4" | RDL400EZ ¹ | 7/16" |
| 6" | RDL600EZ ¹ | 1" |

¹ Parts are produced as a welded fabrication

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

Dixon® Coupler Socket Weld to Schedule 40 Pipe

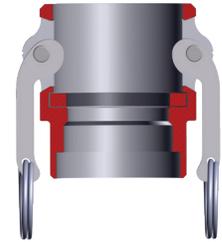
Features

- Not all configurations are stocked
- Boss-Lock versions are also available; consult Dixon for pricing and availability
- CAD models are for reference only; consult Dixon for specific dimensions
- Final weld preparation, as with all weld fittings, is the responsibility of the welder
- Nitrile rubber gasket standard, other gaskets available on pages 75-77



| Size | Bore | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-------|------------------------|----------------------------|
| 3/4" | 1.065 | --- | 75DWSPSS |
| 1" | 1.330 | 100DWSPAL | 100DWSPSS |
| 1-1/2" | 1.915 | 150DWSPAL | 150DWSPSS |
| 2" | 2.390 | 200DWSPAL | 200DWSPSS |
| 3" | 3.530 | 300DWSPAL | 300DWSPSS |
| 4" | 4.530 | 400DWSPAL | 400DWSPSS |
| 5" | 5.562 | 500DWSPAL | 500DWSPSS |
| 6" | 6.655 | 600DWSPAL | 600DWSPSS |
| 8" | 8.711 | 800DWSPAL ¹ | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size
The 8" Dixon design has 4 cam arms.



Dixon Coupler Butt Weld to Schedule 40 Pipe/Socket Weld to Nominal Tubing

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | Bore | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-------|-----------------------|----------------------------|
| 3/4" | .765 | --- | 75DWBPSTSS |
| 1" | 1.015 | --- | 100DWBPSTSS |
| 1-1/2" | 1.515 | 150DWBPSTAL | 150DWBPSTSS |
| 2" | 2.015 | 200DWBPSTAL | 200DWBPSTSS |
| 3" | 3.015 | 300DWBPSTAL | 300DWBPSTSS |
| 4" | 4.015 | 400DWBPSTAL | 400DWBPSTSS |
| 5" | 5.015 | 500DWBPSTAL | --- |
| 6" | 6.020 | 600DWBPSTAL | --- |

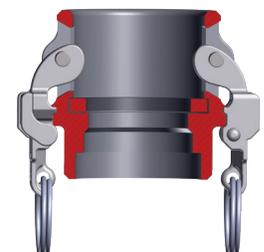


EZ Boss-Lock Coupler Socket Weld to Schedule 40 Pipe

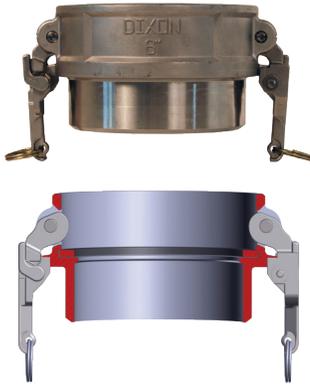
Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77

| Size | Bore | 316 Stainless Steel Part # |
|--------|-------|----------------------------|
| 3/4" | 1.065 | RDWSP075EZ |
| 1" | 1.330 | RDWSP100EZ |
| 1-1/2" | 1.915 | RDWSP150EZ |
| 2" | 2.390 | RDWSP200EZ |
| 3" | 3.530 | RDWSP300EZ |
| 4" | 4.530 | RDWSP400EZ |
| 6" | 6.655 | RDWSP600EZ |



EZ Boss-Lock Coupler Butt Weld to Schedule 40 Pipe / Socket Weld to Nominal Tubing



Feature

- Nitrile rubber gaskets standard, other gaskets available on pages 75-77

| Size | Bore | 316 Stainless Steel Part # |
|--------|-------|----------------------------|
| 3/4" | .765 | RDWBPST075EZ |
| 1" | 1.015 | RDWBPST100EZ |
| 1-1/2" | 1.515 | RDWBPST150EZ |
| 2" | 2.015 | RDWBPST200EZ |
| 3" | 3.015 | RDWBPST300EZ |
| 4" | 4.015 | RDWBPST400EZ |
| 6" | 6.020 | RDWBPST600EZ |

Adapter Socket Weld to Schedule 40 Pipe

Feature

- Not all configurations are stocked



| Size | Bore | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-------|------------------------|----------------------------|
| 3/4" | 1.065 | --- | 75AWSPSS |
| 1" | 1.330 | --- | 100AWSPSS |
| 1-1/2" | 1.915 | 150AWSPAL | 150AWSPSS |
| 2" | 2.390 | 200AWSPAL | 200AWSPSS |
| 3" | 3.530 | 300AWSPAL | 300AWSPSS |
| 4" | 4.530 | 400AWSPAL | 400AWSPSS |
| 5" | 5.593 | 500AWSPAL | 500AWSPSS |
| 6" | 6.655 | 600AWSPAL | 600AWSPSS |
| 8" DIX | 8.711 | 800AWSPAL ¹ | --- |
| 8" BL | 8.711 | 801AWSPAL ¹ | --- |

¹ Dixon® and Boss-Lock cam & groove couplings do not interchange in the 8" size.

NOTE: Final weld preparation, as with all weld fittings, is the responsibility of the welder.



Adapter Butt Weld to Schedule 40 Pipe/Socket Weld to Nominal Tubing



| Size | Bore | 356T6 Aluminum Part # | 316 Stainless Steel Part # |
|--------|-------|--------------------------|----------------------------|
| 3/4" | .765 | --- | 75AWBPSTSS |
| 1" | 1.015 | --- | 100AWBPSTSS |
| 1-1/2" | 1.515 | 150AWBPSTAL | 150AWBPSTSS |
| 2" | 2.015 | 200AWBPSTAL | 200AWBPSTSS |
| 3" | 3.015 | 300AWBPSTAL | 300AWBPSTSS |
| 4" | 4.015 | 400AWBPSTAL | 400AWBPSTSS |
| 5" | 5.015 | 500AWBPSTAL | 500AWBPSTSS |
| 6" | 6.020 | 600AWBPSTAL | 600AWBPSTSS |
| 8" BL | 8.035 | 801AWBPSTAL ¹ | --- |

¹ Dixon and Boss-Lock cam & groove couplings do not interchange in the 8" size



Dixon Weld to Tube Cam and Groove

Features

- Designed to be welded to standard sanitary tubing
- 316 stainless steel investment casting

Adapter x Weld to Tube End

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | RE100BT |
| 1-1/2" | RE150BT |
| 2" | RE200BT |
| 3" | RE300BT |



Boss-Lock® Coupler x Weld to Tube End

Feature

- Nitrile rubber gaskets are standard, other gaskets available on pages 75-77

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1" | RC100BT |
| 1-1/2" | RC150BT |
| 2" | RC200BT |
| 3" | RC300BT |



Cam and Groove Transition Fittings

Adapter x Clamp End

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | RE150SE |
| 2" | RE200SE |
| 3" | RE300SE |



Boss-Lock Coupler x Clamp End

Feature

- Nitrile rubber gaskets are standard, other gaskets available on pages 75-77

| Size | 316 Stainless Steel Part # |
|--------|----------------------------|
| 1-1/2" | RC150SE |
| 2" | RC200SE |
| 3" | RC300SE |



Adapter x Female NPSM

Application

- Used in the delivery of dry goods



Features

- Cork nitrile rubber gaskets are standard in threaded end
- Pressure rating is based on the seal of the mating part, see ratings on page 3
- Replacement gasket; 400GAGFI

| Size | 356T6 Aluminum Part # |
|------|-----------------------|
| 4" | 400-AS-AL |

Boss-Lock Coupler x Female NPSM

Features

- Nitrile rubber gasket standard, other gaskets available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips

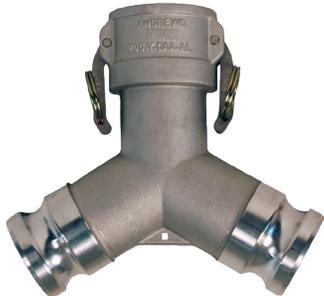


| Size | 356T6 Aluminum Part # |
|------|-----------------------|
| 4" | ADS400 |

Dixon® Coupler x Adapter Wye

Feature

- Nitrile rubber gasket standard, other gaskets available on pages 75-77



| Size | 356T6 Aluminum Part # |
|------|------------------------|
| 2" | 200YDAAAL |
| 4" | 400YDAAAL ¹ |

¹ Part is produced as a welded fabrication.

Cam & Groove Hydrant Adapters

Features

- Pin lugs allow for easy connection using standard spanner and hydrant wrenches
- Supplied with a nitrile rubber washer in the threaded end



| Female NST (NH) Thread | Male Adapter | Brass Part # | Aluminum Part # |
|------------------------|--------------|--------------|-----------------|
| 1-1/2" | 1-1/2" | HA1515ADP | AHA1515ADP |
| 2-1/2" | 2-1/2" | HA2525ADP | AHA2525ADP |

Replacement Washers



| I.D. | O.D. | Thickness | Nitrile Rubber Part # |
|---------|---------|-----------|-----------------------|
| 1-9/16" | 2-1/16" | 1/8" | SW150 |
| 2-9/16" | 3-3/16" | 3/16" | SW250 |

NOTE: All adapters are made to approved Dixon specifications.

Boss-Lock Coupler x Tube with 45° Cut

Application

- For use on trailer relief valves

Features

- Butt weld to tubing
- Nitrile rubber gaskets standard, other gaskets available on pages 75-77
- All Boss-Lock couplers are supplied with pull-ring safety clips



| Size | 356T6 Aluminum Part # |
|------|--------------------------|
| 2" | AC200TUBE |

In-Line Sight Glasses

Application

- Designed for dry bulk transfer hose

Feature

- Not intended for liquid service. For dry bulk transfer *only*.



Materials

- Body: aluminum
- Seals: nitrile rubber
- Sight glass: acrylic
- Hardware: stainless steel
- Cam arms (where applicable): bronze

Coupler x Adapter

| Size | Aluminum Part # |
|---------|--------------------|
| 3" x 3" | 3533CA |
| 3" x 4" | 3534CA |
| 4" x 3" | 3543CA |
| 4" x 4" | 3544CA |



Adapter x Adapter

| Size | Aluminum Part # |
|---------|--------------------|
| 3" x 3" | 3533AA |
| 3" x 4" | 3534AA |
| 4" x 4" | 3544AA |



Coupler x Coupler

| Size | Aluminum Part # |
|---------|--------------------|
| 3" x 3" | 3533CC |
| 4" x 3" | 3543CC |
| 4" x 4" | 3544CC |



Dixon® Cam & Groove Handles

Features

- Pull rings are standard on sizes 1-1/4" thru 6", optional on other sizes
- Domestic Dixon standard handle assemblies are only to be used with standard Dixon parts (not global), handles do not interchange with other manufacturers' handles or couplers

Materials

- Stainless steel pins standard with all assemblies
- Solid pins are 303 stainless
- Trivalent chrome plated steel pull ring



brass



316 sintered stainless steel



316 investment stainless steel

| Coupler Size | Description | Brass Part # | 316 Sintered Stainless Steel Part # |
|-----------------|------------------------|--------------|-------------------------------------|
| 1/2" | cam arm and pin | --- | 50-HP-SP |
| 3/4" | cam arm and pin | --- | 75-HP-SP |
| 1" | cam arm and pin | --- | 100-HP-SP |
| 1-1/4" - 2-1/2" | cam arm, ring, and pin | 200-HRP-BR | 200-HRP-SP |
| 3" - 5" | cam arm, ring, and pin | 300-HRP-BR | 300-HRP-SP |
| 6" | cam arm, ring, and pin | 600-HRP-BR | --- |
| 8" | cam arm and pin | 800-HNP-BR | --- |

| Coupler Size | Description | 316 Investment Stainless Steel Part # |
|--------------|------------------------|---------------------------------------|
| 2" | cam arm, ring, and pin | 200-HSCR-SP |
| 3" | cam arm, ring, and pin | 300-HSCR-SP |
| 6" | cam arm, ring, and pin | 600-HRP-SI |

Dixon Cam & Groove Locking Handles for Dust Caps

Features

- Dixon locking handles are only to be used with standard Dixon parts (not global), handles do not interchange with other manufacturers' handles or couplers
- Not supplied with pins



200-LH-SI



300-LH-BR

| Coupler Size | Hole Diameter | Brass Part # | 316 Investment Stainless Steel Part # |
|--------------|---------------|--------------|---------------------------------------|
| 2" | 9/32" | 200-LH-BR | 200-LH-SI |
| 3" | 5/16" | 300-LH-BR | 300-LH-SI |
| 4" | 3/8" | 400-LH-BR | 400-LH-SI |

Boss-Lock Cam & Groove Handles

Features

- Boss-Lock handles should only be used with Boss-Lock parts, handles do not interchange with other manufacturers' handles or couplers
- Trivalent chrome plated steel pull ring
- Stainless steel pins are standard with all assemblies
- Solid pins are 303 stainless steel



IHSC152



IH6

| Coupler Size | Brass Part # | 316 Investment Stainless Steel Part # | Plated Iron Part # |
|-----------------|--------------|---------------------------------------|--------------------|
| 3/4" - 1" | BHSC175 | RHSC175 | --- |
| 1-1/4" - 2-1/2" | BHSC152 | RHSC152 | IHSC152 |
| 3" and 4" | BHSC34 | RHSC34 | IHSC34 |

| Coupler Size | Brass Part # | Plated Iron Part # |
|--------------|--------------|--------------------|
| 6" and 8" | BH6 | IH6 |

EZ Boss-Lock Cam & Groove Handles

Materials

- Investment cast stainless steel cam arm and lever
- 316 stainless steel spring
- 303 stainless steel pin, washer; Trivalent chrome plated steel pull ring

| Coupler Size | Investment Cast Stainless Steel Part # |
|-----------------|--|
| 3/4" - 1" | RHEZ175 |
| 1-1/4" - 2-1/2" | RHEZ152 |
| 3" - 5" | RHEZ34 |
| 6" and 8" | RHEZ6 |



EZ Boss-Lock Cam & Groove Paddle Handle

Materials

- Investment cast stainless steel cam arm and lever
- 316 stainless steel spring
- 303 stainless steel pin, washer

| Coupler Size | Investment Cast Stainless Steel Part # |
|--------------|--|
| 3" - 5" | RHEZ34PAD |
| 6" and 8" | RHEZ8PAD |



Under no circumstances should the EZ Boss-Lock cam arms be used on any fitting not specifically produced for their use. The aluminum, brass, and iron are made from sand castings. To ensure proper functioning of the EZ Boss-Lock cam arm assemblies, we sort the castings to ensure there is sufficient length and orientation on the lugs on the main casting to engage the lever. We also buff or grind the rougher sand cast surface to ensure that the lever will move freely. The EZ Boss-Lock cam arms cannot be retrofitted onto existing aluminum, brass, or plated iron Boss-Lock already in service.



Dixon® Coupling Paddle Handles

Features

- Dixon paddle handles are only to be used with standard Dixon parts (not global), handles do not interchange with other manufacturers' handles or couplers
- Not supplied with pins



| Coupler Size | Brass Part # | 316 Investment Cast Stainless Steel Part # |
|--------------|--------------|--|
| 3" and 4" | 300H-PADBR | 300H-PADSS |

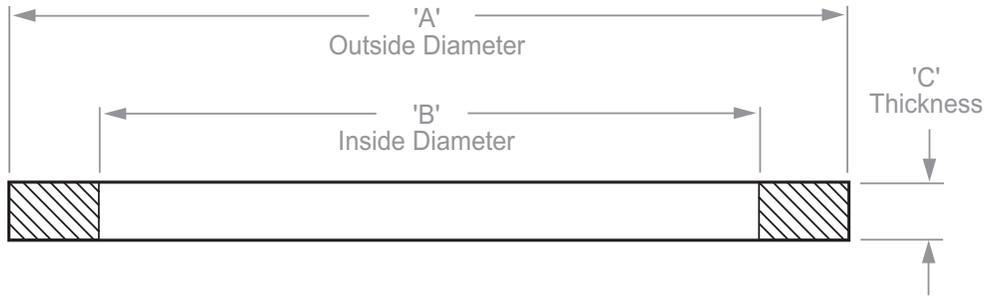


316 investment cast stainless steel



brass

Cam & Groove Gasket Dimensions



Features

- Nominal dimensions for elastomeric cam & groove gaskets are listed
- I.D.s of the PTFE envelope gaskets and the PTFE accordion gaskets are 1/16" smaller than the I.D.s for the elastomeric gaskets shown below
- Thickness of PTFE accordion gaskets may vary from chart below

| Size | Part # | Dimensions | | |
|--------|--------------------|------------|----------|-------|
| | | A | B | C |
| 1/2" | 50-G ¹ | 1-1/32" | 11/16" | .156" |
| 3/4" | 75-G | 1-3/8" | 7/8" | .218" |
| 1" | 100-G | 1-9/16" | 1-1/16" | .250" |
| 1-1/4" | 125-G | 1-15/16" | 1-23/64" | .250" |
| 1-1/2" | 150-G | 2-3/16" | 1-5/8" | .250" |
| 2" | 200-G | 2-5/8" | 2" | .250" |
| 2-1/2" | 250-G | 3-1/8" | 2-3/8" | .250" |
| 3" | 300-G | 3-23/32" | 3" | .250" |
| 4" | 400-G | 4-7/8" | 4" | .250" |
| 5" | 500-G ¹ | 5-15/16" | 4-7/8" | .250" |
| 6" | 600-G | 7-1/16" | 6" | .250" |
| 8" | 800-G ¹ | 9-5/16" | 8-1/8" | .343" |

¹ No interchange standard exists for the 1/2", 5", and 8" fittings. Generally, these sizes do not interchange with other manufacturers' products. As such, the gaskets in these sizes are not suitable for use in other manufacturers' couplings.

Cam & Groove Gasket Color Codes



| Gasket Code ¹ | Material | Color | Color code stripes (appear on the O.D. of the gasket or filler) |
|--------------------------|--|---------------------|---|
| -BU | Nitrile rubber (standard in all metal fittings) | black | 1 blue |
| -BF | Nitrile rubber (formulated for fuel service) | black | 1 green |
| -VI | FKM-A | green | none |
| -VIA | FKM-A | black | 1 yellow |
| -THK | Extra thick nitrile rubber | black | 2 blue |
| -EPR | Ethylene Propylene | black | 1 white |
| -NE | Neoprene | black | 1 red |
| -WNE | White Neoprene, FDA approved material | white | none |
| -WB | White nitrile rubber, FDA approved material | white | blue |
| -SIL | Silicone | red | none |
| -TF | PTFE (TFE) envelope with nitrile rubber filler | white / black | 1 blue |
| TFVI | PTFE (TFE) envelope with FKM-A filler | white / black | 1 yellow |
| TFWB | PTFE (TFE) envelope with white nitrile rubber filler, FDA approved materials | white / white | blue |
| TFEP | PTFE (TFE) envelope with Ethylene Propylene filler | white / black | 1 white stripe |
| -TES | PTFE (FEP) encapsulated Silicone core, FDA approved materials | translucent / red | none |
| -TEV | PTFE (FEP) encapsulated FKM-A core | translucent / black | none |
| TFACC | PTFE (TFE) accordion, FDA approved materials | white | none |

¹ Part number suffix

NOTE: Since other manufacturers' coding systems vary, this chart should not be used as a reference in identifying gaskets of unknown origin.



Cam & Groove Gaskets

| Size | Nitrile Rubber Part # | Green FKM-A Part # | Black FKM-A Part # |
|--------|--------------------------|-----------------------|-----------------------|
| 1/2" | 50-G-BU | 50-G-VI | 50-G-VIA |
| 3/4" | 75-G-BU | 75-G-VI | 75-G-VIA |
| 1" | 100-G-BU | 100-G-VI | 100-G-VIA |
| 1-1/4" | 125-G-BU | 125-G-VI | 125-G-VIA |
| 1-1/2" | 150-G-BU | 150-G-VI | 150-G-VIA |
| 2" | 200-G-BU | 200-G-VI | 200-G-VIA |
| 2-1/2" | 250-G-BU | 250-G-VI | 250-G-VIA |
| 3" | 300-G-BU | 300-G-VI | 300-G-VIA |
| 4" | 400-G-BU | 400-G-VI | 400-G-VIA |
| 5" | 500-G-BU | 500-G-VI | 500-G-VIA |
| 6" | 600-G-BU | 600-G-VI | 600-G-VIA |
| 8" | 800-G-BU | 800-G-VI | 800-G-VIA |



nitrile rubber



FKM



FKM-A



extra thick nitrile rubber



ethylene propylene



neoprene



white neoprene



white nitrile rubber



silicone

| Size | Extra Thick Nitrile Rubber Part # | Ethylene Propylene Part # |
|--------|--------------------------------------|------------------------------|
| 3/4" | --- | 75-G-EPR |
| 1" | 100GTHK | 100-G-EPR |
| 1-1/4" | 125GTHK | 125-G-EPR |
| 1-1/2" | 150GTHK | 150-G-EPR |
| 2" | 200GTHK | 200-G-EPR |
| 2-1/2" | 250GTHK | 250-G-EPR |
| 3" | 300GTHK | 300-G-EPR |
| 4" | 400GTHK | 400-G-EPR |
| 6" | 600GTHK | --- |

| Size | Neoprene Part # | Extra Thick Neoprene Part # | White Neoprene ¹ Part # |
|--------|--------------------|--------------------------------|---------------------------------------|
| 3/4" | 75-G-NE | --- | --- |
| 1" | 100-G-NE | --- | --- |
| 1-1/4" | 125-G-NE | --- | --- |
| 1-1/2" | 150-G-NE | --- | 150-G-WNE |
| 2" | 200-G-NE | 200-G-NETHK | 200-G-WNE |
| 2-1/2" | 250-G-NE | --- | --- |
| 3" | 300-G-NE | --- | 300-G-WNE |
| 4" | 400-G-NE | --- | 400-G-WNE |
| 5" | --- | --- | 500-G-WNE |
| 6" | --- | --- | 600-G-WNE |

¹ White neoprene gaskets contain FDA approved materials

| Size | White Nitrile Rubber ¹ Part # | Silicone Part # |
|--------|---|--------------------|
| 1" | --- | 100-G-SIL |
| 1-1/2" | --- | 150-G-SIL |
| 2" | 200-G-WB | 200-G-SIL |
| 2-1/2" | --- | 250-G-SIL |
| 3" | 300-G-WB | 300-G-SIL |
| 4" | 400-G-WB | 400-G-SIL |
| 5" | 500-G-WB | --- |

¹ White nitrile rubber gaskets contain FDA approved materials

Fuel Gaskets



| Size | Material | Part # |
|--------|----------------------------|-----------|
| 1-1/2" | nitrile rubber | 150-G-BF |
| 2" | nitrile rubber | 200-G-BF |
| 3" | nitrile rubber | 300-G-BF |
| 4" | nitrile rubber | 400-G-BF |
| 3" | extra thick nitrile rubber | 300GTHKBF |
| 4" | extra thick nitrile rubber | 400GTHKBF |

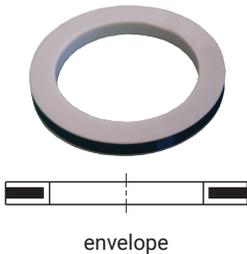
Cam & Groove Envelope Gaskets

Feature

- Maximum operating temperatures for specific chemicals may be lower; contact Dixon® for specific recommendations

Approval

- PTFE white nitrile rubber filler (TFWB) contains FDA approved materials



| Size | PTFE (TFE) with Nitrile Rubber filler Part # | PTFE (TFE) with FKM-A filler Part # |
|--------|---|--|
| 1/2" | 50-G-TF | 50-G-TF-VI |
| 3/4" | 75-G-TF | 75-G-TF-VI |
| 1" | 100-G-TF | 100GTFVI |
| 1-1/4" | 125-G-TF | 125GTFVI |
| 1-1/2" | 150-G-TF | 150GTFVI |
| 2" | 200-G-TF | 200GTFVI |
| 2-1/2" | 250-G-TF | 250GTFVI |
| 3" | 300-G-TF | 300GTFVI |
| 4" | 400-G-TF | 400GTFVI |
| 6" | 600-G-TF | 600GTFVI |

| Size | PTFE (TFE) with white Nitrile Rubber filler Part # | PTFE (TFE) with Ethylene Propylene filler Part # |
|--------|---|---|
| 1-1/2" | --- | 150GTFEP |
| 2" | 200GTFWB | 200GTFEP |
| 3" | 300GTFWB | 300GTFEP |
| 4" | 400GTFWB | --- |
| 5" | 500GTFWB | --- |

NOTE: The torque (force) required to close the handles on a pair of cam & groove fittings will vary according to the gasket chosen. Due to the nature of the PTFE material, the various PTFE gasket designs will require the most torque, increasing as you go from envelope to encapsulated, and finally, accordion.

Cam & Groove Encapsulated Gaskets

Specifications

- Encapsulated gasket pressure ratings are reduced to **125 PSI** for 3/4" - 4" at ambient temperature **70°F (21°C)**
- PTFE encapsulated FKM-A (TEV) gaskets - maximum operating temperature **200°F (93°C)**
- PTFE encapsulated silicone (TES) gaskets - maximum operating temperature **225°F (107°C)**
- Maximum operating temperatures for specific chemicals may be lower; contact Dixon® for specific recommendations

Approval

- PTFE encapsulated silicone (TES) gaskets contain FDA approved materials

| Size | PTFE (FEP) Encapsulated Silicone Part # | PTFE (FEP) Encapsulated FKM-A Part # |
|--------|---|--------------------------------------|
| 1/2" | 50-G-TES | --- |
| 3/4" | 75-G-TES | 75-G-TEV |
| 1" | 100-G-TES | 100-G-TEV |
| 1-1/4" | 125-G-TES | 125-G-TEV |
| 1-1/2" | 150-G-TES | 150-G-TEV |
| 2" | 200-G-TES | 200-G-TEV |
| 2-1/2" | 250-G-TES | 250-G-TEV |
| 3" | 300-G-TES | 300-G-TEV |
| 4" | 400-G-TES | 400-G-TEV |

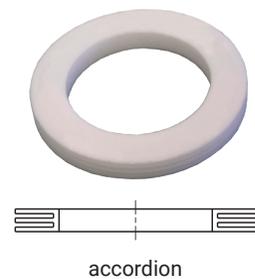


Cam & Groove Accordion Gaskets

Features

- PTFE accordion gaskets (TFACC) are recommended for use with viscous (thick) fluids only 
- Maximum operating temperatures for specific chemicals may be lower; contact Dixon for specific recommendations

| Size | PTFE (TFE) Part # |
|--------|-------------------|
| 3/4" | 75GTFACC |
| 1" | 100GTFACC |
| 1-1/4" | 125GTFACC |
| 1-1/2" | 150GTFACC |
| 2" | 200GTFACC |
| 3" | 300GTFACC |



NOTE: The torque (force) required to close the handles on a pair of cam & groove fittings will vary according to the gasket chosen. Due to the nature of the PTFE material, the various PTFE gasket designs will require the most torque, increasing as you go from envelope to encapsulated, and finally, accordion.

Witches Hat Strainers



Features

- Used with female cam & groove couplings
- Pre-attached nitrile rubber gasket

| Size | 304 Stainless Steel Part # |
|------|----------------------------|
| 3" | WH300-A |
| 4" | WH400-A |

Gaskets for Witches Hat Strainers



| Size | Nitrile Rubber Gasket Part # |
|------|------------------------------|
| 3" | WH300-G |
| 4" | WH400-G |

Disk Strainers

Feature

- Threads into bottom of female NPT fitting to protect equipment from large contaminants



| Size | Hole Size | 6061T6 Aluminum Part # | 304 Investment Cast Stainless Steel Part # |
|--------|-----------|------------------------|--|
| 1" | 1/4" | --- | SDS100 |
| 1-1/2" | | --- | SDS150 |
| 2" | | SDA200 | SDS200 |
| 3" | | SDA300 | SDS300 |
| 4" | | SDA400 | SDS400 |

Pull Ring Safety Clips for Boss-Lock



| Coupler Size | Carbon Steel Part # | 316 Stainless Steel Part # |
|-----------------|---------------------|----------------------------|
| 3/4" - 1" | --- | 100PRSCSS |
| 1-1/4" - 2-1/2" | 200PRSCCS | 200PRSCSS |
| 3" and 4" | 300PRSCCS | 300PRSCSS |

Pull Rings



| 304 Stainless Steel Part # |
|----------------------------|
| R200SS |

Sash Chain with Pull Rings

Materials

- Brass chain, plated steel pull ring



| Length | Part # |
|---------|--------|
| 4-1/2" | J125 |
| 6-1/2" | J150 |
| 8-1/2" | J300 |
| 12-3/4" | J500 |

Abrasion Resistant Inserts

Features

- Extends the life of adapters when transferring proppant to storage tanks
- Available for multiple adapters and multiple coupler materials

| Description | UHMW Polyethylene Part # |
|--|--------------------------|
| to be used with 400-A-AL, 400-A-BR, 400-A-MI, 400-A-SS | 400-A-INSERT |
| to be used with 400-C-AL | 400-C-INSERTAL |
| to be used with 400-C-MI | 400-C-INSERTMI |



400-A-INSERT



400-C-INSERTAL

Clip for Boss-Lock Couplings

Feature

- .072 stainless steel wire

| Stainless Steel Part # |
|------------------------|
| AC7 |



Clip Assembly

Features

- For use with Boss-Lock couplings
- Includes pull ring, chain, and AC3 clip

| Carbon Steel Part # |
|---------------------|
| BLCA152CS |



Jack Chain with S-Hook

| Length | Material | Part # | Optional Qty |
|--------|--------------|----------|--------------|
| 6" | brass | CH-B-6 | 10 |
| 12" | brass | CH-B-12 | 10 |
| 24" | brass | CH-B-24 | --- |
| 12" | carbon steel | CH-C-12 | 10 |
| 6" | stainless | CH-SS-6 | 10 |
| 12" | stainless | CH-SS-12 | 10 |
| 24" | stainless | CH-SS-24 | 10 |



Locking Cam Arm Velcro® Straps

Application

- Use with cam & groove couplers to prevent spills, secure from damage, and hold in place during transport

Features

- Used on the female end of a cam & groove coupler
- High visibility orange hook and loop with metal buckle provides strength, durability, and long life

Specification

- Temperature range: -70°F to 200°F (-57°C to 93°C)

| Length | Used On | Part # |
|--------|---------------------------|--------|
| 12" | fits up to 1-1/2" coupler | CVS12 |
| 18" | fits up to 3" coupler | CVS18 |
| 24" | fits up to 5" coupler | CVS24 |
| 36" | fits up to 8" coupler | CVS36 |



coupler sold separately

Lanyards with Clip for Boss-Lock Couplings



Materials

- Clip: carbon steel
- Lanyard: nylon

| Coupler Size | Part # |
|--------------|--------|
| 3/4" - 1" | ACL4 |
| 1-1/4" - 4" | ACL2 |
| 6" | ACL3 |

PVC Coated Lanyards



Feature

- One end factory crimped, one end uncrimped for field installation

Material

- PVC coated carbon steel with aluminum crimp sleeves

| Length | Part # |
|--------|--------|
| 15" | CAL15 |
| 25" | CAL25 |

Lanyard for Boss-Lock Couplings



Feature

- Breaking strength: 160 lbs.

| Overall Length | 304 Stainless Part # |
|----------------|----------------------|
| 7" | LR7 |

Global Type A Adapters

Adapter x Female NPT

Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A383 Cast Aluminum Part # | ASTM C38000 Forged Brass Part # |
|--------|------------------------------|------------------------------------|
| 1/2" | G50-A-AL ¹ | G50-A-BR ¹ |
| 3/4" | G75-A-AL | G75-A-BR |
| 1" | G100-A-AL | G100-A-BR |
| 1-1/4" | G125-A-AL | G125-A-BR |
| 1-1/2" | G150-A-AL | G150-A-BR |
| 2" | G200-A-AL | G200-A-BR |
| 2-1/2" | G250-A-AL | G250-A-BR |
| 3" | G300-A-AL | G300-A-BR |
| 4" | G400-A-AL | G400-A-BR |
| 5" | G500-A-AL ¹ | G500-A-BR ¹ |
| 6" | G600-A-AL | --- |
| 8" | G800-A-AL ¹ | --- |

| Size | 316 Investment Cast Stainless Steel Part # |
|--------|---|
| 1/2" | G50-A-SS ¹ |
| 3/4" | G75-A-SS |
| 1" | G100-A-SS |
| 1-1/4" | G125-A-SS |
| 1-1/2" | G150-A-SS |
| 2" | G200-A-SS |
| 2-1/2" | G250-A-SS |
| 3" | G300-A-SS |
| 4" | G400-A-SS |
| 6" | G600-A-SS |



ASTMC38000 forged brass

¹ No standard exists for the 1/2", 5", and 8", and generally these sizes do not interchange with other manufacturers' products.

Global Type B Couplers

Coupler x Male NPT

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals standard, other gaskets available on pages 75-77



A383 Cast Aluminum

| Size | A380 Permanent Mold A with Brass Handles Part # | ASTM C38000 Forged Brass Part # |
|--------|---|------------------------------------|
| 1/2" | G50-B-AL ^{1,2} | G50-B-BR ^{1,2} |
| 3/4" | G75-B-AL ² | G75-B-BR ² |
| 1" | G100-B-AL ² | G100-B-BR ² |
| 1-1/4" | G125-B-AL | G125-B-BR |
| 1-1/2" | G150-B-AL | G150-B-BR |
| 2" | G200-B-AL | G200-B-BR |
| 2-1/2" | G250-B-AL | G250-B-BR |
| 3" | G300-B-AL | G300-B-BR |
| 4" | G400-B-AL | G400-B-BR |
| 5" | G500-B-AL ¹ | G500-B-BR ¹ |
| 6" | G600-B-AL | --- |

| Size | 316 Investment Cast Stainless Steel Part # | A383 Cast Aluminum with Investment Stainless Handles Part # |
|--------|---|---|
| 1/2" | G50-B-SS ¹ | --- |
| 3/4" | G75-B-SS | --- |
| 1" | G100-B-SS | --- |
| 1-1/4" | G125-B-SS | --- |
| 1-1/2" | G150-B-SS | G150-B-ALSI |
| 2" | G200-B-SS | G200-B-ALSI |
| 2-1/2" | G250-B-SS | --- |
| 3" | G300-B-SS | G300-B-ALSI |
| 4" | G400-B-SS | G400-B-ALSI |
| 6" | G600-B-SS | --- |

¹ No standard exists for the 1/2" and 5", and generally these sizes do not interchange with other manufacturers' products.

² Supplied with stainless steel handles

Global Crimp Style Cam & Groove Type C

Coupler x Hose Shank

Features

- All couplers are supplied with safety clips
- Couplers are supplied standard with a nitrile rubber gasket; other gasket types are available on pages 75-77
- Use global replacement handles only

Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturers' products with Dixon products.



A383 Cast Aluminum



C38000 forged brass



316 investment cast stainless

| Hose I.D. | A383 Cast Aluminum Part # | C38000 Forged Brass Part # | 316 Investment Cast Stainless Part # |
|-----------|------------------------------|-------------------------------|--|
| 1" | G100-C-ALCR | G100-C-BRCR | G100-C-SSCR |
| 1-1/2" | G150-C-ALCR | G150-C-BRCR | G150-C-SSCR |
| 2" | G200-C-ALCR | G200-C-BRCR | G200-C-SSCR |
| 3" | G300-C-ALCR | G300-C-BRCR | G300-C-SSCR |
| 4" | G400-C-ALCR | G400-C-BRCR | G400-C-SSCR |
| 6" | G600-C-ALCR | --- | G600-C-SSCR |

Global Type C Couplers Coupler x Hose Shank

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals are standard, other gaskets available on pages 75-77

| Size | A383 Cast Aluminum with Brass Handles Part # | ASTM C38000 Forged Brass Part # |
|--------|--|------------------------------------|
| 1/2" | G50-C-AL ^{1,2} | G50-C-BR ^{1,2} |
| 3/4" | G75-C-AL ² | G75-C-BR ² |
| 1" | G100-C-AL ² | G100-C-BR ² |
| 1-1/4" | G125-C-AL | G125-C-BR |
| 1-1/2" | G150-C-AL | G150-C-BR |
| 2" | G200-C-AL | G200-C-BR |
| 2-1/2" | G250-C-AL | G250-C-BR |
| 3" | G300-C-AL | G300-C-BR |
| 4" | G400-C-AL | G400-C-BR |
| 5" | G500-C-AL ¹ | G500-C-BR ¹ |
| 6" | G600-C-AL | --- |
| 8" | G800-C-AL ¹ | --- |

| Size | 316 Investment Cast Stainless Steel Part # | A383 Cast Aluminum with Investment Stainless Handles Part # |
|--------|---|---|
| 1/2" | G50-C-SS ¹ | --- |
| 3/4" | G75-C-SS | --- |
| 1" | G100-C-SS | --- |
| 1-1/4" | G125-C-SS | --- |
| 1-1/2" | G150-C-SS | G150-C-ALSI |
| 2" | G200-C-SS | G200-C-ALSI |
| 2-1/2" | G250-C-SS | --- |
| 3" | G300-C-SS | G300-C-ALSI |
| 4" | G400-C-SS | G400-C-ALSI |
| 6" | G600-C-SS | --- |



316 investment cast stainless steel

¹ No standard exists for the 1/2", 5", and 8", and generally these sizes do not interchange with other manufacturers' products.

² Supplied with stainless steel handles

Global Type D Couplers

Coupler x Female NPT

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals are standard, other gaskets available on pages 75-77



316 investment cast stainless steel

| Size | A383 Cast Aluminum with Brass Handles Part # | ASTM C38000 Forged Brass Part # |
|--------|--|---------------------------------|
| 1/2" | G50-D-AL ^{1,2} | G50-D-BR ^{1,2} |
| 3/4" | G75-D-AL ² | G75-D-BR ² |
| 1" | G100-D-AL ² | G100-D-BR ² |
| 1-1/4" | G125-D-AL | G125-D-BR |
| 1-1/2" | G150-D-AL | G150-D-BR |
| 2" | G200-D-AL | G200-D-BR |
| 2-1/2" | G250-D-AL | G250-D-BR |
| 3" | G300-D-AL | G300-D-BR |
| 4" | G400-D-AL | G400-D-BR |
| 5" | G500-D-AL ¹ | G500-D-BR ¹ |
| 6" | G600-D-AL | --- |

| Size | 316 Investment Cast Stainless Steel Part # | A383 Cast Aluminum with Investment Stainless Handles Part # |
|--------|--|---|
| 1/2" | G50-D-SS ¹ | --- |
| 3/4" | G75-D-SS | --- |
| 1" | G100-D-SS | --- |
| 1-1/4" | G125-D-SS | --- |
| 1-1/2" | G150-D-SS | G150-D-ALSI |
| 2" | G200-D-SS | G200-D-ALSI |
| 2-1/2" | G250-D-SS | --- |
| 3" | G300-D-SS | G300-D-ALSI |
| 4" | G400-D-SS | G400-D-ALSI |
| 6" | G600-D-SS | --- |

¹ No standard exists for the 1/2" and 5", and generally these sizes do not interchange with other manufacturers' products.

² Stainless steel handles

Global Crimp Style Cam & Groove Type E

Adapter x Hose Shank



A383 Cast Aluminum



C38000 forged brass



316 investment cast stainless

Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturers' products with Dixon® products. Pressure rating is based on the seal of the mating part.



| Hose I.D. | A380 Permanent Mold Aluminum Part # | C38000 Forged Brass Part # | 316 Investment Cast Stainless Steel Part # |
|-----------|-------------------------------------|----------------------------|--|
| 1" | G100-E-ALCR | G100-E-BRCR | G100-E-SSCR |
| 1-1/2" | G150-E-ALCR | G150-E-BRCR | G150-E-SSCR |
| 2" | G200-E-ALCR | G200-E-BRCR | G200-E-SSCR |
| 3" | G300-E-ALCR | G300-E-BRCR | G300-E-SSCR |
| 4" | G400-E-ALCR | G400-E-BRCR | G400-E-SSCR |
| 6" | G600-E-ALCR | --- | G600-E-SSCR |

Global Type E Adapters

Adapter x Hose Shank

Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A380 Permanent Mold Aluminum Part # | ASTM C38000 Forged Brass Part # | 316 Investment Cast Stainless Steel Part # |
|--------|-------------------------------------|---------------------------------|--|
| 1/2" | G50-E-AL ¹ | G50-E-BR ¹ | G50-E-SS ¹ |
| 3/4" | G75-E-AL | G75-E-BR | G75-E-SS |
| 1" | G100-E-AL | G100-E-BR | G100-E-SS |
| 1-1/4" | G125-E-AL | G125-E-BR | G125-E-SS |
| 1-1/2" | G150-E-AL | G150-E-BR | G150-E-SS |
| 2" | G200-E-AL | G200-E-BR | G200-E-SS |
| 2-1/2" | G250-E-AL | G250-E-BR | G250-E-SS |
| 3" | G300-E-AL | G300-E-BR | G300-E-SS |
| 4" | G400-E-AL | G400-E-BR | G400-E-SS |
| 5" | G500-E-AL ¹ | G500-E-BR ¹ | --- |
| 6" | G600-E-AL | --- | G600-E-SS |
| 8" | G800-E-AL ¹ | --- | --- |



A383 Cast Aluminum

¹ No standard exists for the 1/2", 5" and 8", and generally these sizes do not interchange with other manufacturers' products.

Global Type F Adapters

Adapter x Male NPT

Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A380 Permanent Mold Aluminum Part # | ASTM C38000 Forged Brass Part # | 316 Investment Cast Stainless Steel Part # |
|--------|-------------------------------------|---------------------------------|--|
| 1/2" | G50-F-AL ¹ | G50-F-BR ¹ | G50-F-SS ¹ |
| 3/4" | G75-F-AL | G75-F-BR | G75-F-SS |
| 1" | G100-F-AL | G100-F-BR | G100-F-SS |
| 1-1/4" | G125-F-AL | G125-F-BR | G125-F-SS |
| 1-1/4" | G150-F-AL | G150-F-BR | G150-F-SS |
| 2" | G200-F-AL | G200-F-BR | G200-F-SS |
| 2-1/2" | G250-F-AL | G250-F-BR | G250-F-SS |
| 3" | G300-F-AL | G300-F-BR | G300-F-SS |
| 4" | G400-F-AL | G400-F-BR | G400-F-SS |
| 5" | G500-F-AL ¹ | G500-F-BR ¹ | --- |
| 6" | G600-F-AL | --- | G600-F-SS |



ASTMC38000 forged brass

¹ No standard exists for the 1/2" and 5", and generally these sizes do not interchange with other manufacturers' products.

Global Type DC Dust Caps

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals are standard, other gaskets available on pages 75-77
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



A383 Cast Aluminum

| Size | A383 Cast Aluminum with Brass Handles Part # | ASTM C38000 Forged Brass Part # |
|--------|--|------------------------------------|
| 1/2" | G50-DC-AL ^{1,2} | G50-DC-BR ^{1,2} |
| 3/4" | G75-DC-AL ² | G75-DC-BR ² |
| 1" | G100-DC-AL ² | G100-DC-BR ² |
| 1-1/4" | G125-DC-AL | G125-DC-BR |
| 1-1/2" | G150-DC-AL | G150-DC-BR |
| 2" | G200-DC-AL | G200-DC-BR |
| 2-1/2" | G250-DC-AL | G250-DC-BR |
| 3" | G300-DC-AL | G300-DC-BR |
| 4" | G400-DC-AL | G400-DC-BR |
| 5" | G500-DC-AL ¹ | G500-DC-BR ¹ |
| 6" | G600-DC-AL | --- |

| Size | 316 Investment Cast Stainless Steel Part # | A383 Cast Aluminum with Investment Stainless Handles Part # |
|--------|---|---|
| 1/2" | G50-DC-SS ¹ | --- |
| 3/4" | G75-DC-SS | --- |
| 1" | G100-DC-SS | --- |
| 1-1/4" | G125-DC-SS | --- |
| 1-1/2" | G150-DC-SS | G150-DC-ALSI |
| 2" | G200-DC-SS | G200-DC-ALSI |
| 2-1/2" | G250-DC-SS | --- |
| 3" | G300-DC-SS | G300-DC-ALSI |
| 4" | G400-DC-SS | G400-DC-ALSI |
| 6" | G600-DC-SS | --- |

¹ No standard exists for the 1/2" and 5", and generally these sizes do not interchange with other manufacturers' products.

² Stainless steel handles

Global Type DP Dust Plugs

Features

- Interchanges with all products produced to A-A-59326D
- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons



A383 Cast Aluminum

| Size | A380 Permanent Mold Aluminum Part # | ASTM C38000 Forged Brass Part # | 316 Investment Cast Stainless Steel Part # |
|--------|---|---------------------------------------|--|
| 1/2" | G50-DP-AL ¹ | G50-DP-BR ¹ | G50-DP-SS ¹ |
| 3/4" | G75-DP-AL | G75-DP-BR | G75-DP-SS |
| 1" | G100-DP-AL | G100-DP-BR | G100-DP-SS |
| 1-1/4" | G125-DP-AL | G125-DP-BR | G125-DP-SS |
| 1-1/2" | G150-DP-AL | G150-DP-BR | G150-DP-SS |
| 2" | G200-DP-AL | G200-DP-BR | G200-DP-SS |
| 2-1/2" | G250-DP-AL | G250-DP-BR | G250-DP-SS |
| 3" | G300-DP-AL | G300-DP-BR | G300-DP-SS |
| 4" | G400-DP-AL | G400-DP-BR | G400-DP-SS |
| 5" | G500-DP-AL ¹ | G500-DP-BR ¹ | --- |
| 6" | G600-DP-AL | --- | G600-DP-SS |

¹ No standard exists for the 1/2" and 5", and generally these sizes do not interchange with other manufacturers' products.

Global Type DA Jump Size Couplings

Coupler x Adapter

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals standard, other gaskets available on pages 75-77
- Pressure rating for adapters is based on the seal of the mating part

| Size | A383 Cast Aluminum Part # | 316 Investment Cast Stainless Steel Part # |
|---------|------------------------------|---|
| 2" x 3" | G2030-DA-AL | --- |
| 3" x 2" | G3020-DA-AL | G3020-DA-SS |
| 3" x 4" | G3040-DA-AL | --- |
| 4" x 3" | G4030-DA-AL | G4030-DA-SS |
| 5" x 4" | G5040-DA-AL | --- |
| 6" X 4" | G6040-DA-AL | --- |



A383 Cast Aluminum

Global Type AA Spool Adapters

Adapter x Adapter

Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A383 Cast Aluminum Part # | 316 Investment Cast Stainless Steel Part # |
|-------------|------------------------------|---|
| 1" | G100-AA-AL | --- |
| 1-1/2" | G150-AA-AL | G150-AA-SS |
| 1-1/2" x 2" | G1520-AA-AL | --- |
| 2" | G200-AA-AL | G200-AA-SS |
| 2" x 3" | G2030-AA-AL | G2030-AA-SS |
| 3" | G300-AA-AL | G300-AA-SS |
| 3" x 4" | G3040-AA-AL | --- |
| 4" | G400-AA-AL | G400-AA-SS |



A383 Cast Aluminum



A383 Cast Aluminum

Global Type DD Couplers

Coupler x Coupler

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals standard, other gaskets available on pages 75-77

| Size | A383 Cast Aluminum Part # | 316 Investment Cast Stainless Steel Part # |
|------|------------------------------|---|
| 2" | G200-DD-AL | G200-DD-SS |
| 3" | G300-DD-AL | G300-DD-SS |
| 4" | G400-DD-AL | G400-DD-SS |



A383 Cast Aluminum

Global Type A Jump Size Adapters

Adapter x Female NPT



Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A383 Cast Aluminum Part # |
|---------|---------------------------|
| 3" x 2" | G3020-A-AL |
| 4" x 3" | G4030-A-AL |

Global Type C Jump Size Couplers

Coupler x Hose shank



Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals standard, other gaskets available on pages 75-77

| Size | A383 Cast Aluminum Part # |
|---------|---------------------------|
| 3" x 2" | G3020-C-AL |
| 4" x 3" | G4030-C-AL |

Global Type E Jump Size Adapters

Adapter x Hose Shank



Features

- Interchanges with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part

| Size | A383 Cast Aluminum Part # |
|---------|---------------------------|
| 3" x 2" | G3020-E-AL |
| 4" x 3" | G4030-E-AL |

Global Adapter x TTMA Flange

Features

- Interchange with all products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part



| Size | 356T6 Aluminum Part # |
|------|-----------------------|
| 4" | G400-ALT-AL |

Global Coupler x TTMA Flange

Features

- Interchanges with all products produced to A-A-59326D
- Nitrile rubber seals standard, other gaskets available on pages 75-77



| Size | 356T6 Aluminum Part # |
|------|-----------------------|
| 4" | G400-DLT-AL |

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.

Global Adapter x ANSI Flange

| Size | Aluminum Part # |
|------|-----------------|
| 4" | G400-AL-AL |
| 6" | G600-AL-AL |



Global Coupler x ANSI Flange

Feature

- Nitrile rubber seals are standard

| Size | Aluminum Part # |
|------|-----------------|
| 4" | G400-DL-AL |
| 6" | G600-DL-AL |



Handles for Aluminum / Brass Global Couplers

Feature

- Supplied complete with ring and pin

| Fits on sizes | Investment Stainless Part # |
|---------------|-----------------------------|
| 1/2", 3/4" | G75HRP |
| 1" | G100HRP |
| 1-1/2", 2" | G152HRPSI |
| 3" - 5" | G34HRPSI |
| 6" | G600HRPSI |



| Fits on sizes | Forged Brass Part # |
|-----------------|---------------------|
| 1-1/4" - 2-1/2" | G152HRP |
| 3" - 5" | G34HRP |
| 6", 8" | G600HRP |



NOTE: Global Dixon® handle assemblies are to only be used with global Dixon parts (not domestic). Handles do not interchange with other manufacturers' handles or couplers.



Handles for Stainless Global Couplers

Feature

- Supplied complete with ring and pin

| Fits on sizes | Investment Stainless Part # |
|-----------------|-----------------------------|
| 1/2", 3/4" | G75HRPSS |
| 1" | G100HRPSS |
| 1-1/4" - 2-1/2" | G125250HRPSS |
| 3" - 5" | G300400HRPSS |
| 6" | G600HRPSS |



NOTE: Global Dixon handle assemblies are to only be used with global Dixon parts (not domestic). Handles do not interchange with other manufacturers' handles or couplers.



Safety Clip for Global Couplers

| Zinc Plated Carbon Steel Part # | Bag Qty |
|---------------------------------|---------|
| GSAFETYCLIP | 25 |



Global BSP Thread Cam & Groove

Features

- Interchanges with products produced to A-A-59326D
- Pressure rating for adapters is based on the seal of the mating part
- Couplers: nitrile rubber seal is standard, others available on pages 75-77

Type A - Adapter x Female BSPP



| Size | 316 Investment Cast Stainless Steel Part # |
|--------|--|
| 1-1/2" | G150-A-SSBSP |
| 2" | G200-A-SSBSP |

Type B - Coupler x Male BSPT



| Size | 316 Investment Cast Stainless Steel Part # |
|--------|--|
| 1-1/2" | G150-B-SSBSP |
| 2" | G200-B-SSBSP |

Type D - Coupler x Female BSPP



| Size | 316 Investment Cast Stainless Steel Part # |
|--------|--|
| 1-1/2" | G150-D-SSBSP |
| 2" | G200-D-SSBSP |

Type F - Adapter x Male BSPT



| Size | 316 Investment Cast Stainless Steel Part # |
|--------|--|
| 1-1/2" | G150-F-SSBSP |
| 2" | G200-F-SSBSP |

Cam & Groove x NST

Features

- Powder coated aluminum adapter
- For suction and low pressure discharge only
- Other sizes, configurations, and materials available; contact Dixon® for information

Type A x Female NST (NH)

| Adapter Size | Female NST (NH) Thread | Aluminum Part # |
|--------------|------------------------|-----------------|
| 1-1/2" | 1-1/2" | G150-A-ALNST |
| 2-1/2" | 2-1/2" | G250-A-ALNST |
| 3" | 2-1/2" | 3025-A-ALNST |



Type B x Male NST (NH)

Feature

- Nitrile rubber seals standard

| Coupler Size | Male NST (NH) Thread | Aluminum Part # |
|--------------|----------------------|-----------------|
| 1-1/2" | 1-1/2" | G150-B-ALNST |
| 2" | 1-1/2" | 2015-B-ALNST |
| 2-1/2" | 2-1/2" | G250-B-ALNST |
| 3" | 2-1/2" | 3025-B-ALNST |



Type D x Female NST (NH)

Feature

- Nitrile rubber seals standard

| Coupler Size | Female NST (NH) Thread | Aluminum Part # |
|--------------|------------------------|-----------------|
| 1-1/2" | 1-1/2" | G150-D-ALNST |
| 2" | 2-1/2" | 2025-D-ALNST |
| 2-1/2" | 2-1/2" | G250-D-ALNST |
| 3" | 2-1/2" | 3025-D-ALNST |



Type F x Male NST (NH)

| Adapter Size | Male NST (NH) Thread | Aluminum Part # |
|--------------|----------------------|-----------------|
| 1-1/2" | 1-1/2" | G150-F-ALNST |
| 2" | 2-1/2" | 2025-F-ALNST |
| 2-1/2" | 2-1/2" | G250-F-ALNST |
| 3" | 2-1/2" | 3025-F-ALNST |



Type A Adapters

Adapter x Female NPT

Features

- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of **70°F (21°C)** with standard seal installed



| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPA50 | 24 |
| 3/4" | PPA75 | 24 |
| 1" | PPA100 | 24 |
| 1-1/2" x 1-1/4" | PPA125 | 24 |
| 1-1/2" | PPA150 | 24 |
| 2" | PPA200 | 24 |
| 3" | PPA300 | 24 |
| 4" | PPA400 | 8 |

Type B Couplers

Coupler x Male NPT

Features

- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- Replacements: gasket use EPR on page 75, key rings use R200SS on page 78, safety clip use GSAFETYCLIP
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed



| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPB50 | 24 |
| 3/4" | PPB75 | 24 |
| 1" | PPB100 | 24 |
| 1-1/2" x 1-1/4" | PPB125 | 24 |
| 1-1/2" | PPB150 | 24 |
| 2" | PPB200 | 24 |
| 3" | PPB300 | 24 |
| 4" | PPB400 ¹ | 8 |

¹ 4" coupler has 4 handles

Type C Couplers

Coupler x Hose Shank

Features

- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- Replacements: gasket use EPR on page 75, key rings use R200SS on page 78, safety clip use GSAFETYCLIP
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings.



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPC50 | 24 |
| 3/4" | PPC75 | 24 |
| 1" | PPC100 | 24 |
| 1-1/2" x 1-1/4" | PPC125 | 24 |
| 1-1/2" | PPC150 | 24 |
| 2" | PPC200 | 24 |
| 3" | PPC300 | 24 |
| 4" | PPC400 ¹ | 8 |

¹ 4" coupler has 4 handles

Type D Couplers

Coupler x Female NPT

Features

- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- Replacements: gasket use EPR on page 75, key rings use R200SS on page 78, safety clip use GSAFETYCLIP
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPD50 | 24 |
| 3/4" | PPD75 | 24 |
| 1" | PPD100 | 24 |
| 1-1/2" x 1-1/4" | PPD125 | 24 |
| 1-1/2" | PPD150 | 24 |
| 2" | PPD200 | 24 |
| 3" | PPD300 | 24 |
| 4" | PPD400 ¹ | 8 |

¹ 4" coupler has 4 handles

Type E Adapters

Adapter x Hose Shank

Features

- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPE50 | 24 |
| 3/4" | PPE75 | 24 |
| 1" | PPE100 | 24 |
| 1-1/2" x 1-1/4" | PPE125 | 24 |
| 1-1/2" | PPE150 | 24 |
| 2" | PPE200 | 24 |
| 3" | PPE300 | 24 |
| 4" | PPE400 | 8 |

Type F Adapters

Adapter x Male NPT

Features

- 1/2" couplers and adapters will interchange with 3/4" couplers and adapters, only the threads and barbs are 1/2"
- 1-1/4" couplers and adapters will interchange with 1-1/2" couplers and adapters, only the threads and barbs are 1-1/4"
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **125 PSI** (1/2" - 1"), **100 PSI** (1-1/4" - 2"), **60 PSI** (3"), and **50 PSI** (4"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|-----------------|-----------------------------------|--------------|
| 3/4" x 1/2" | PPF50 | 24 |
| 3/4" | PPF75 | 24 |
| 1" | PPF100 | 24 |
| 1-1/2" x 1-1/4" | PPF125 | 24 |
| 1-1/2" | PPF150 | 24 |
| 2" | PPF200 | 24 |
| 3" | PPF300 | 24 |
| 4" | PPF400 | 8 |

Dust Caps and Plugs

Features

- Dust caps and dust plugs are not to be used in pressure applications for safety and environmental reasons
- NOT recommended for use with PTFE gaskets. Polypropylene cam & groove should not be mixed with metal fittings
- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- Replacements: gasket use EPR on page 75, key rings use R200SS on page 78, safety clip use GSAFETYCLIP



Type H Dust Caps

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 3/4" | PPH75 | 24 |
| 1" | PPH100 | 24 |
| 1-1/2" | PPH150 | 24 |
| 2" | PPH200 | 24 |
| 3" | PPH300 | 24 |
| 4" | PPH400 ¹ | 8 |

¹ 4" coupler has 4 handles



3/4" - 3"



4"

Type P Dust Plugs

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 3/4" | PPP75 | 24 |
| 1" | PPP100 | 24 |
| 1-1/2" | PPP150 | 24 |
| 2" | PPP200 | 24 |
| 3" | PPP300 | 24 |
| 4" | PPP400 | 8 |



3/4" - 3"



4"

Type A 90° Elbows Adapter x Female NPT



Features

- For use at elevated temperatures or other unusual operating conditions, consult Dixon
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **100 PSI** (1-1/2" - 2"); recommendations based on the use of mating Dixon® fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 1-1/2" | 90PPA150 | 24 |
| 2" | 90PPA200 | 24 |

Type C 90° Elbows Coupler x Hose Shank



Features

- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- For use at elevated temperatures or other unusual operating conditions, consult Dixon
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **100 PSI** (1-1/2" - 2"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 1-1/2" | 90PPC150 | 24 |
| 2" | 90PPC200 | 24 |

Type D 90° Elbows Coupler x Female NPT



Features

- Supplied with EPDM gaskets, 304 stainless steel handles and pins
- For use at elevated temperatures or other unusual operating conditions, consult Dixon
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **100 PSI** (1-1/2" - 2"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 1-1/2" | 90PPD150 | 24 |
| 2" | 90PPD200 | 24 |

Type F 90° Elbows Adapter x Male NPT



Features

- For use at elevated temperatures or other unusual operating conditions, consult Dixon
- NOT recommended for use with PTFE gaskets, polypropylene cam & groove should not be mixed with metal fittings



Specification

- Maximum operating pressure: **100 PSI** (1-1/2" - 2"); recommendations based on the use of mating Dixon fittings at an ambient temperature of **70°F (21°C)** with standard seal installed

| Size | Glass-Filled Polypropylene Part # | Optional Qty |
|--------|-----------------------------------|--------------|
| 1-1/2" | 90PPF150 | 24 |
| 2" | 90PPF200 | 24 |

Railroad Tank Car Connections

Features

- All swivel nuts have standard 5" Railroad Tank Car thread
- Supplied with a nitrile rubber gasket in the threaded end, other gaskets available on page 100

Style A

| Male Adapter | Swivel Nut | Elbow | 316 Stainless Steel Part # | Aluminum Part # |
|--------------|------------|-------|----------------------------|-----------------|
| 3" | 5" | 120° | RTCA30 | --- |
| 4" | 5" | 110° | RTCA40 ¹ | ATCA40 |

¹ Parts are produced as a welded fabrication

NOTE: Stainless steel railroad tank car connections are not compatible with aluminum and brass.



Style F

Features

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect
- Supplied with PTFE nitrile rubber envelope gasket

| TTMA Flange | Swivel Nut | Elbow | Aluminum Part # |
|-------------|------------|-------|------------------------|
| 4" | 5" | 110° | ATCF40 ¹ |
| | 5" | 90° | ATCF40-90 ¹ |

¹ Part is produced as a welded fabrication

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.



110° elbow

Style GF

Feature

- 4" TTMA flange can be bolted to sight glass; API adapter or other dry disconnect

| TTMA Flange | Boss-lock Coupler | Elbow | Aluminum Part # |
|-------------|-------------------|-------|-----------------|
| 4" | 4" | 110° | ATCGF40 |
| | 4" | 90° | ATCGF40-90 |

NOTE: For flange dimensions, diagrams, and additional information, please reference dixonvalve.com.



110° elbow

Screen

Features

- Stainless steel screen encapsulated in a nitrile rubber gasket
- For use in Style GF elbows

| Size | Hole Size | 316L Stainless Steel Part # |
|------|-----------|-----------------------------|
| 4" | 1" | 400-G-BUSS |



Railroad Tank Car Connections



Style T

| Male NPT | Swivel Nut | Elbow | Iron Part # | Aluminum Part # |
|----------|------------|-------|-------------|-----------------|
| 3" | 5" | 120° | TCT30 | ATCT30 |
| 4" | 5" | 110° | TCT40 | ATCT40 |



Style T

| Male NPT | Swivel Nut | Elbow | 316 Stainless Steel Part # |
|----------|------------|-------|----------------------------|
| 3" | 5" | 120° | RTCT30 |
| 4" | 5" | 110° | RTCT40 |

NOTE: Components that make up these assemblies are not interchangeable between stainless steel and the other materials.



Dixon® Coupler x Tank Car Thread

Features

- Part is produced as a welded fabrication
- Coupler supplied with a nitrile rubber gasket, other gaskets available on pg. 75
- Use Dixon replacement handles only



| Coupler | Male Tank Car Thread | Aluminum Part # |
|---------|----------------------|-----------------|
| 4" | 5" | 400DWX5TC |

EZ Boss-Lock x Coupler Tank Car Thread

Features

- Part is produced as a welded fabrication
- Coupler supplied with a nitrile rubber gasket, other gaskets available on pg. 75
- Use EZ Boss-Lock replacement handles only



| Coupler | Male Tank Car Thread | Aluminum Part # |
|---------|----------------------|-----------------|
| 4" | 5" | AD400ALEZMTC |

Railroad Unloading Assemblies

Features

- Robust aluminum body construction
- Removable, easy-carry handle
- Safe and reliable - valves will not open unless fittings are properly connected
- Multiple configurations available; consult Dixon® for pricing and availability

Assembly with Dixon MannTek Dry Disconnect Adapter

| Adapter Size | Swivel Nut Size | Aluminum Part # |
|--------------|-----------------|-----------------|
| 4" | 5" | ATC40ASSDDA |



Assembly with API Adapter

Feature

- Stainless steel springs on the adapter and coupler for corrosion resistance

| Adapter Size | Swivel Nut Size | Aluminum Part # |
|--------------|-----------------|-----------------|
| 4" | 5" | ATC40ASSAPI |



Dixon Tank Car Adapters

Features:

- Standard 5" Railroad Tank Car thread
- Supplied with a nitrile rubber gasket in the threaded end; see next page for more gaskets

| Size | 356T6 Aluminum Part # | Brass Part # | Iron Part # | 316 Stainless Steel Part # |
|------|-----------------------|--------------|-------------|----------------------------|
| 2" | 200-TCA-AL | --- | --- | 200-TCA-SS |
| 3" | 300-TCA-AL | 300-TCA-BR | --- | 300-TCA-SS |
| 4" | 400-TCA-AL | 400-TCA-BR | --- | 400-TCA-SS |

NOTE: Stainless steel adapters are not compatible with the aluminum and brass adapters.



rocker lug



pin lug

45° Swivel

Features

- Standard 5" Railroad Tank Car thread
- 45° tank car swivel adapter
- Unit has a long handle brass swivel nut and a swivel retaining ring
- Supplied with a nitrile rubber gasket in the threaded end; see next page for more gaskets

| Size | 356T6 Aluminum Part # |
|------|-----------------------|
| 4" | 40A-45TCAL |



NOTE: 4" hose fittings for railroad tank car unloading can be found on pages 97-98

Railroad Tank Car Gaskets

Old Style



Feature

- For use with Dixon® fittings

| Size | O.D. | I.D. | Thick | Leather Part # |
|------|--------|--------|-------|----------------|
| 5" | 5-1/4" | 3-1/2" | 3/16" | G9 |

Standard

Feature

- For use with Dixon fittings



| Size | O.D. | I.D. | Thick | Material | Part # |
|------|---------|--------|-------|---------------------------|--------------|
| 5" | 5-1/4" | 3-7/8" | 1/8" | Nitrile rubber | 500GTCABU |
| | 5-1/4" | 3-7/8" | 1/8" | FKM-A | 500GTCAVI |
| | 5-1/4" | 3-7/8" | 1/8" | fuel grade nitrile rubber | 500GTCABF |
| | 5-5/16" | 3-7/8" | 3/16" | FKM-A | 500GTCAVITHK |

PTFE Envelope

Features

- For use with Dixon fittings
- May be too thick for insertion in some older Dixon fittings



| Size | O.D. | I.D. | Thick | Material | Part # |
|------|--------|----------|-------|---------------------------------|-----------|
| 5" | 5-1/4" | 3-13/16" | 3/16" | PTFE with nitrile rubber filler | 500GTCATF |
| | 5-1/4" | 3-13/16" | 3/16" | PTFE with FKM filler | 500GTCATV |

Pin Lug Wrench

Feature

- Used on aluminum and iron tank car nuts



| Iron Part # |
|-------------|
| G10 |

Limited Warranty

DIXON VALVE & COUPLING COMPANY, LLC (herein called "Dixon") warrants the products described herein and manufactured by Dixon to be free from defects in material and workmanship for a period of one (1) year from date of shipment by Dixon under normal use and service. Its sole obligation under this warranty being limited to repairing or replacing, as hereinafter provided, at its option any product found to Dixon's satisfaction to be defective upon examination by it, provided that such product shall be returned for inspection to Dixon's factory within three (3) months after discovery of the defect. The repair or replacement of defective products will be made without charge for parts or labor. This warranty shall not apply to: (a) parts or products not manufactured by Dixon, the warranty of such items being limited to the actual warranty extended to Dixon by its supplier; (b) any product that has been subject to abuse, negligence, accident, or misapplication; (c) any product altered or repaired by others than Dixon; and (d) normal maintenance services and the replacement of service items (such as washers, gaskets, and lubricants) made in connection with such services. To the extent permitted by law, this limited warranty shall extend only to the buyer and any other person reasonably expected to use or consume the goods who is injured in person by any breach of the warranty. No action may be brought against Dixon for an alleged breach of warranty unless such action is instituted within one (1) year from the date the cause of action accrues. This limited warranty shall be construed and enforced to the fullest extent allowable by applicable law.

Other than the obligation of Dixon set forth herein, Dixon disclaims all warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose, and any other obligation or liability. The foregoing constitutes Dixon's sole obligation with respect to damages, whether direct, incidental, or consequential, resulting from the use or performance of the product.

Some products and sizes may be discontinued when stock is depleted or may require a minimum quantity for ordering.

Limits of Liability

This brochure is intended as a product offering. It is not intended to be a user or technical manual. Information in this brochure is subject to change without notice. All users and distributors of products sold through this brochure should contact Dixon with questions of use, compatibilities, coupling procedures, and life of product. Our full-time engineering and test staff are always available to recommend uses and to assist distributors and users with any questions.



Safety



Safety logos, which appear throughout our catalog, are used as a reminder that the user should carefully review for the appropriateness of the product for the media, application, and environment in which it will be used.

NOTE: Because of the health hazards associated with contamination and lead content in drinking water systems, Dixon couplings, unless otherwise specifically approved, are not recommended for potable water service and should not be used in applications where drinking water will contact the wetted surfaces of the coupling.

All Dixon products are shipped in cartons with the following warning:

"WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm."

Trademark

Delrin® and Zytel® are registered trademarks of E.I. duPont Nemours and Company.

Kalrez® is a registered trademark of DuPont Dow Elastomers.

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