





SPECIALTY ITEMS & APPLICATIONS



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Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

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Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Hammer Unions

HUT100 Series

Low Pressure Threaded Union

HUT200 Series

Low Pressure Threaded Union

HUT206 Series

Low Pressure Threaded Union

VIEW ONLINE



SCAN FOR INFO
or visit
KOA.link/HUT-Low

FEATURES AND ADVANTAGES

- Applications include oil, gas, air, and water.
- Color-coded for easy identification.
- Unions are interchangeable with like products.
- CWP (Cold Working Pressure) is the maximum pressure at +70°F (+21°C).
- Figure 206 supplied with a Buna-N "O" Ring, which functions as a secondary seal.

MATERIAL SPECIFICATIONS – BODY

- A-105/AISI 1020.

MATERIAL SPECIFICATIONS – NUT

- A-105/AISI 1020.

Part Number	Size (in)	CWP Rating at 70°F	Weight Each (lbs)	Standard Carton
HUT100-2	2	1000	5.29	6
HUT100-3	3	1000	11.60	5
HUT100-4	4	1000	17.75	3
HUT100-6	6	1000	44.40	1
HUT100-8	8	1000	69.90	1
HUT200-1	1	2000	1.55	30
HUT200-2	2	2000	4.55	12
HUT200-3	3	2000	11.70	5
HUT200-4	4	2000	19.00	3
HUT200-6	6	2000	44.40	1
HUT200-8	8	2000	71.45	1
HUT206-2	2	2000	4.60	12
HUT206-3	3	2000	11.80	5
HUT206-4	4	2000	19.10	3
HUT206-6	6	2000	45.00	1
HUT206-8	8	2000	66.00	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Hammer Unions

HUT400 Series

Medium Pressure Threaded Union

HUT602 Series

Medium Pressure Threaded Union

VIEW ONLINE



SCAN FOR INFO
or visit

[KOA.link/HUT-Med](https://koa.link/HUT-Med)

FEATURES AND ADVANTAGES

- Applications include oil, gas, air, and water.
- Color-coded for easy identification.
- Unions are interchangeable with like products.
- CWP (Cold Working Pressure) is the maximum pressure at +70°F (+21°C).
- Figure 602 supplied with specially designed Buna-N lip type elastomer seal, which protects metal-to-metal sealing surfaces and reduces line flow turbulence.

MATERIAL SPECIFICATIONS – BODY

- AISI 1040.

MATERIAL SPECIFICATIONS – NUT

- AISI 1040.

Part Number	Size (in)	CWP Rating at 70°F	Weight Each (lbs)	Standard Carton
HUT400-2	2	4000	11.00	4
HUT400-3	3	4000	19.60	2
HUT400-4	4	4000	29.65	1
HUT602-1	1	6000	3.75	4
HUT602-2	2	6000	12.90	4
HUT602-3	3	6000	22.80	2
HUT602-4	4	6000	37.04	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.





Hammer Unions

HUT1002 Series

High Pressure Threaded Union

HUT1502 Series

High Pressure Threaded Union

HUS Series

Lip Type Replacement Seal (Buna-N)

VIEW ONLINE



SCAN FOR INFO
or visit
[KOA.link/HUT-High](https://kOA.link/HUT-High)

FEATURES AND ADVANTAGES

- Applications include oil, gas, air, and water.
- Color-coded for easy identification.
- Unions are interchangeable with like products.
- CWP (Cold Working Pressure) is the maximum pressure at +70°F (+21°C).
- Supplied with specially designed Buna-N lip type elastomer seal, which protects metal-to-metal sealing surfaces and reduces line flow turbulence.

MATERIAL SPECIFICATIONS – BODY

- AISI 4130.

MATERIAL SPECIFICATIONS – NUT

- AISI 4130.

Part Number	Size (in)	CWP Rating at 70°F	Weight Each (lbs)	Standard Carton
HUT1002-2	2	10000	12.60	4
HUT1002-3	3	10000	22.60	2
HUT1002-4	4	10000	36.10	1
HUT1502-2	2	15000	18.96	2
HUT1502-3	3	15000	27.56	2

Part Number	Size (in)	Weight Each (lbs)	Standard Carton
HUS-2	2	0.100	1
HUS-3	3	0.150	1
HUS-4	4	0.200	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Hammer Unions (Barbed)

HUB206 Series

Low Pressure Union

VIEW ONLINE



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or visit

[KOA.link/HUB206](https://koa.link/HUB206)

FEATURES AND ADVANTAGES

- Suitable for frac water and sand slurry applications.
- Interchangeable with all 206 style hammer unions.
- Versatility of barbs allow for use with interlocking crimp ferrules or crimp sleeves.
- Eliminates leak paths created with threaded fittings.

MATERIAL SPECIFICATIONS

- Hammer Union Nut (A-105/AISI 1020).
- Zinc plated machined malleable iron body.
- 400 PSI rating using heavy duty crimp ferrules (see page 246).
- 300 PSI rating using crimp sleeves (see page 246).
- Buna-N "O" Ring.

Part Number	Size (in)	CWP Rating at 70°F	Weight Each (lbs)	Standard Carton
HUB206-4	4	400/300	32.00	1

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CRFHD-CS Series

Carbon Steel Plated Heavy Duty Crimp Ferrules

VIEW ONLINE

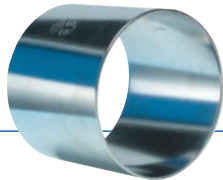


SCAN FOR INFO

or visit

[KOA.link/CRFHD-CS](https://koi.link/CRFHD-CS)

Part Number	Hose ID (in)	Ferrule ID (in)	Ferrule ID (mm)	Wall Thickness (in)	Wall Thickness (mm)	Length (in)	Length (mm)	Weight Each (lbs)	Std. Carton
CRFHD-CS40411	4	4.69	119.1	0.12	3	4.19	106.4	2.18	30
CRFHD-CS40413	4	4.81	122.2	0.12	3	4.19	106.4	2.28	30
CRFHD-CS40500	4	5.00	127.0	0.12	3	4.19	106.4	2.39	30
CRFHD-CS40501	4	5.06	128.5	0.12	3	4.19	106.4	2.45	30
CRFHD-CS40502	4	5.13	130.3	0.12	3	4.19	106.4	2.48	30
CRFHD-CS40503	4	5.19	131.8	0.12	3	4.19	106.4	2.52	30
CRFHD-CS40504	4	5.25	133.4	0.12	3	4.19	106.4	2.57	30



CRS-CS Series

Carbon Steel Plated Crimp Sleeves

VIEW ONLINE



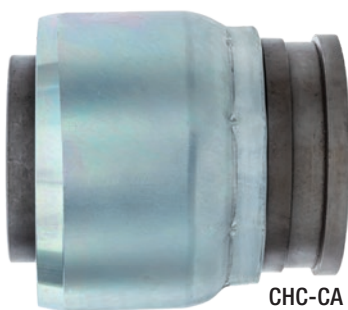
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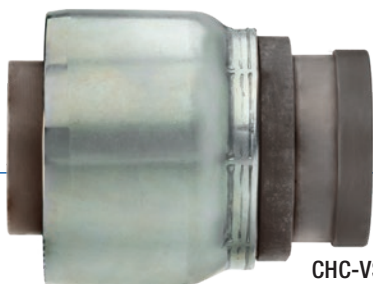
[KOA.link/CRS-CS](https://koi.link/CRS-CS)

Part Number	Sleeve ID (in)	Sleeve ID (mm)	Wall Thickness (in)	Wall Thickness (mm)	Length (in)	Length (mm)	Weight Each (lbs)	Std. Carton
CRS-CS40404	4.25	108.0	0.091	2.3	4.19	106.4	1.54	30
CRS-CS40406	4.38	111.3	0.091	2.3	4.19	106.4	1.56	30
CRS-CS40408	4.50	114.3	0.091	2.3	4.19	106.4	1.58	30
CRS-CS40411	4.68	118.9	0.091	2.3	4.19	106.4	1.61	30
CRS-CS40412	4.75	120.7	0.091	2.3	4.19	106.4	1.63	30
CRS-CS40413	4.81	122.2	0.091	2.3	4.19	106.4	1.65	30
CRS-CS40415	4.94	125.5	0.091	2.3	4.19	106.4	1.68	30
CRS-CS40500	5.00	127.0	0.091	2.3	4.19	106.4	1.72	30

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



CHC-CA



CHC-VS

ALFAGOMMA®

CONQUEROR™

Concrete Hose Couplings

CHC-CA Series

Conqueror™, California-Style End One-Piece Concrete Hose Couplings

CHC-VS Series

Conqueror™, Grooved End One-Piece Concrete Hose Couplings

VIEW ONLINE



SCAN FOR INFO
or visit
KOA.link/CHC

FEATURES AND ADVANTAGES

- One-piece design for secure connection.
- Beveled interior shank helps eliminate material build up.
- 1500 PSI working pressure.

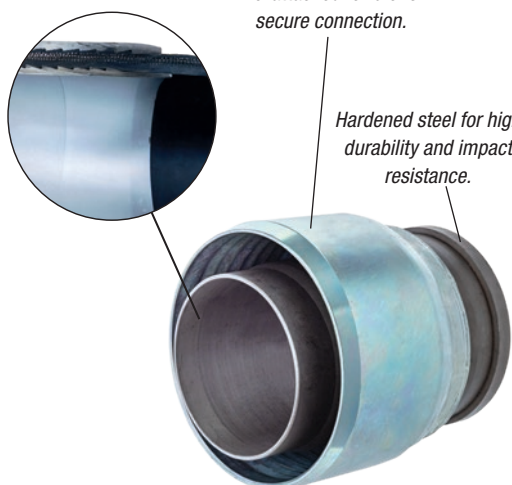
MATERIAL SPECIFICATIONS

- Hardened steel for high abrasion resistance.

Beveled interior edge for enhanced product flow and to help eliminate instances of material build up.

Pre-attached ferrule for secure connection.

Hardened steel for high durability and impact resistance.



Part Number	Size (in)	Working Pressure (psi)	Weight Each (lbs)	Standard Carton
CHC-CA200 / CHC-VS200	2	1500	4.80 / 3.75	1
CHC-CA250 / CHC-VS250*	2 1/2	1500	4.65 / 5.51	1
CHC-CA300 / CHC-VS300	3	1500	8.02 / 6.61	1
CHC-CA400 / CHC-VS400	4	1500	12.81 / 11.46	1
CHC-CA500 / CHC-VS500	5	1500	19.00 / 16.53	1

* NOTE: The CHC-VS250 ID size has a 2 1/2" stem to a 3" grooved end.



CONQUEROR COUPLINGS AND ACCESSORIES FOR USE WITH
T740AA & T74SAA HOSE
KOA.LINK/CONQUEROR

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ALFAGOMMA®
CONQUEROR™
Concrete Hose Clamps

CCFL Series
Fixed Tension Concrete Hose Clamp

CCAL Series
Adjustable Tension Concrete Hose Clamp

VIEW ONLINE



SCAN FOR INFO
or visit
[KOA.link/CCxL](https://koya.link/CCxL)

FEATURES AND ADVANTAGES

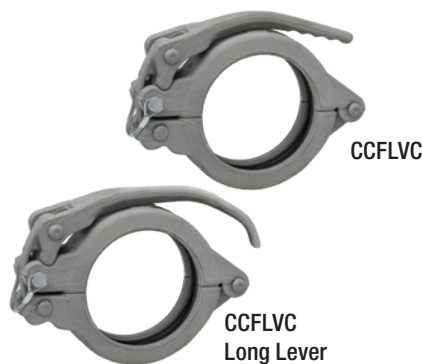
- For use with CHC-CA and CHC-VS series couplings.
- CCAL only – Adjustable depth mechanism allows for customization of locking strength.
- User-friendly ergonomic handles.
- Safety pin prevents accidental opening.
- Gasket included.

MATERIAL SPECIFICATIONS

- Durable steel construction.

Part Number	Size (in)	Working Pressure (psi)	Weight Each (lbs)
CCFL200HD	2	1233	4.85
CCFL250HD	2 1/2	2175	5.51
CCFL300HD	3	1233	6.17
CCFL400HD	4	1233	10.58
CCFL500HD	5	1233	12.35
CCAL200HD	2	1233	4.85
CCAL250HD	2 1/2	2175	5.51
CCAL300HD	3	1233	5.95
CCAL400HD	4	1233	10.36
CCAL500HD	5	1233	12.13
CCAL300VC	3	1450	6.39
CCAL400VC	4	1450	8.38

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



ALFAGOMMA® CONQUEROR™ Concrete Hose Clamps

CCFLVC Series

Fixed Lever / Adjustable Lever Hose Clamp

Fixed Lever / Long Lever Hose Clamp

VIEW ONLINE



SCAN FOR INFO

or visit

KOA.link/CCFLVC

FEATURES AND ADVANTAGES

- For use with CHC-VS series couplings.
- User-friendly ergonomic handles.
- Safety pin prevents accidental opening.
- Gasket included.

MATERIAL SPECIFICATIONS

- Durable steel construction.

Part Number	Size (in)	Working Pressure (psi)	Weight Each (lbs)
* CCFL200VC	2	1232	3.30
CCFL300VC	3	1450	5.25
CCFL400VC	4	1232	6.17
CCFL500VC	5	1232	8.37

* **NOTE:** The CCFL200VC clamp comes with a longer lever.



ALFAGOMMA® CONQUEROR™

CCG / CVG Series

Concrete Hose Clamp Replacement Gaskets

VIEW ONLINE



SCAN FOR INFO

or visit

KOA.link/CxG

FEATURES AND ADVANTAGES

- For use with CCFL and CCAL series clamps.
- SBR Rubber compound provides abrasion and ozone resistance.

Part Number	Size (in)	Weight Each (lbs)
CCG200 / CVG200	2	0.09 / 0.10
CCG250	2 1/2	0.11
CCG300 / CVG300	3	0.13 / 0.17
CCG400 / CVG400	4	0.26 / 0.22
CCG500 / CVG500	5	0.31 / 0.26

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



GEC-B/GEC-E

GEC-B/GEC-E Series

Grooved End Couplings

GEC-QRB/GEC-QRE Series

Grooved Quick Release Couplings



GEC-QRB/GEC-QRE

VIEW ONLINE



🔍 SCAN FOR INFO
or visit
KOA.link/GEC

FEATURES AND ADVANTAGES

- Connect together grooved end pipes or hose connections.
- Underwriters laboratories listed.
- Faster and easier than threaded, welded, or flanged connections.
- Quick-release version provides faster connecting and disconnecting hoses or pipes.
- Quick-release version is supplied with a steel safety clip to prevent accidental opening.
- Available with either Buna or EPDM gaskets.

MATERIAL SPECIFICATIONS

- Ductile Iron body painted orange.
- Carbon Steel plated bolts and nuts.
- Carbon Steel plated safety clip.

SERVICE TEMPERATURE RANGE:

- **BUNA Gasket** -40°F (-40°C) to +250°F (+121°C)
- **EPDM Gasket** -60°F (-51°C) to +300°F (+149°C)

Part Number (Buna Gasket)	Part Number (EPDM Gasket)	Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
GEC-B200	GEC-E200	2	1000	2.50	15
GEC-B250	GEC-E250	2 1/2	1000	3.45	10
GEC-B300	GEC-E300	3	1000	3.80	10
GEC-B400	GEC-E400	4	1000	5.60	5
GEC-B600	GEC-E600	6	1000	10.05	4
GEC-B800	GEC-E800	8	800	19.55	2
GEC-B1000	GEC-E1000	10	800	26.15	1
GEC-B1200	GEC-E1200	12	800	30.65	1
GEC-QRB200	GEC-QRE200	2	300	0.308	1
GEC-QRB300	GEC-QRE300	3	300	0.771	1
GEC-QRB400	GEC-QRE400	4	300	0.889	1
GEC-QRB600	GEC-QRE600	6	300	10.050	4

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Grooved End Replacement Gaskets GEG-BUNA / GEG-EPDM Series

SERVICE TEMPERATURE RANGE:

- *BUNA Gasket* -40°F (-40°C) to +250°F (+121°C)
- *EPDM Gasket* -60°F (-51°C) to +300°F (+149°C)

VIEW ONLINE



SCAN FOR INFO
or visit
[KOA.link/GEG](https://koa.link/GEG)

Part Number (Buna)	Part Number (EPDM)	Size (in)	Weight Each (lbs)	Standard Carton
GEG-BUNA200	GEG-EPDM200	2	0.082	1
GEG-BUNA250	GEG-EPDM250	2 1/2	0.107	1
GEG-BUNA300	GEG-EPDM300	3	0.127	1
GEG-BUNA400	GEG-EPDM400	4	0.194	1
GEG-BUNA600	GEG-EPDM600	6	0.308	1
GEG-BUNA800	GEG-EPDM800	8	0.671	1
GEG-BUNA1000	GEG-EPDM1000	10	0.771	1
GEG-BUNA1200	GEG-EPDM1200	12	0.889	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Grooved End Combination Nipple

GEN Series *(Plain Steel)*

Grooved End X Hose Shank

VIEW ONLINE



SCAN FOR INFO
or visit
KOA.link/GEN

FEATURES AND ADVANTAGES

- Versatile hose connector designed to connect to grooved end couplings and pipes.
- Frequently used in low pressure suction and discharge applications, and can be connected to many different types of strainers and couplings.
- Multi-serrated barb design allows for secure hose grip when properly clamped or crimped.

MATERIAL SPECIFICATIONS

- Complies with ASTM A53 B welded pipe.

Part Number	Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
GEN100	1	125	0.58	100
GEN125	1 1/4	125	0.62	80
GEN150	1 1/2	125	0.86	60
GEN200	2	75	1.28	50
GEN250	2 1/2	75	2.03	20
GEN300	3	75	3.17	20
GEN400	4	75	3.88	12
GEN600	6	75	14.60	4
GEN800	8	50	19.73	2
GEN1000	10	50	26.14	1
GEN1200	12	50	39.82	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Grooved End Couplings

AL-LDHC Series

Large Diameter Hose Coupling
(designed for Tipsa layflat hoses)

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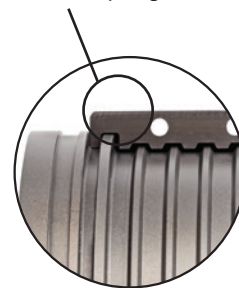
[KOA.link/AL-LDHC](https://koi.link/AL-LDHC)

FEATURES AND ADVANTAGES

- Lightweight aluminum with abrasion resistant anodized hard coating.
- Multiple collar segments evenly distribute pressure on the hose for even sealing.
- Locking Lip™ provides better coupling retention when compared with other designs.
- For use with large diameter layflat hoses.

Don't risk a leak!

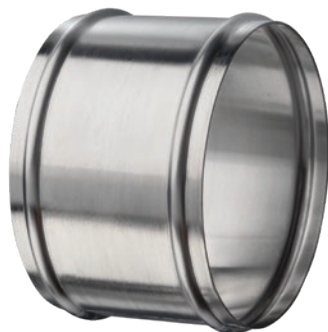
Unique Locking Lip™ design increases coupling retention.



MATERIAL SPECIFICATIONS

- Hard coat anodized aluminum.

Part Number	Size (in)	Working Pressure (psi) at 68°F	Burst Pressure (psi) at 68°F	Weight Each (lbs)	Standard Carton
AL-LDHC1000	10	200	600	41.20	1
AL-LDHC1200	12	200	600	57.30	1



DHM-AL / DHM-SS Series

Ducting Hose Mender for URE-CL, URE-BK, UREH-CL, UREH-BK, VID-CL, and TMOD Series Hoses

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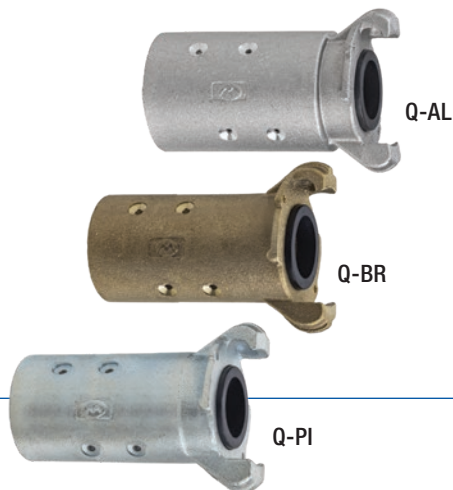
or visit

[KOA.link/DHM](https://koi.link/DHM)

Part Number	Material	Size (in)	Weight Each (lbs)
DHM-AL600	Aluminum	6	0.28
DHM-AL800		8	0.38
DHM-AL1000		10	0.49
DHM-AL1200		12	0.60
DHM-SS600	Stainless Steel	6	0.40
DHM-SS800		8	0.54
DHM-SS1000		10	0.68
DHM-SS1200		12	0.76

NOTE: Ducting menders to be used in conjunction with two bridge clamps.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Sandblast Couplings & Accessories

Two Lug Hose Couplings

Q-AL Series (Aluminum)

Q-BR Series (Brass)

Q-PI Series (Plated iron)

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or visit
KOA.link/Q-X

FEATURES AND ADVANTAGES

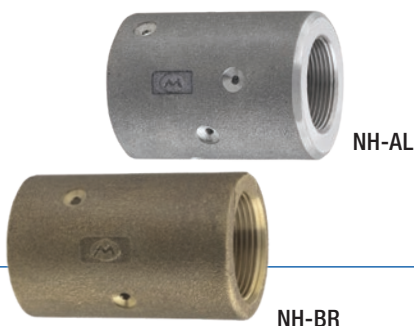
- Couplings designed specifically for sandblast hoses.
- Two claw couple design for quick connection.
- Available in aluminum, brass and plated iron.
- Available in both standard and full flow design. Full flow design removes air restrictions present in the standard design, and increases PSI available to the nozzle.
- Sheet metal screws supplied with each.

MATERIAL SPECIFICATIONS

- Aluminum – ASTM B26, Grade 713.
- Brass – ASTM B584, Grade C85700.
- Ductile Iron Plated – ASTM A536, Grade 65/45/12.

Part Number	Hose ID (in)	Hose OD (in)	PSI Rating at 70°F	Gasket	Flow Size	Weight Each (lbs)	Standard Carton
Q-AL050	1/2	1 1/16	150	SBG	STD	0.15	6
Q-AL1	3/4	1 1/2	150	SBG	STD	0.36	6
Q-AL2	1, 1 1/4	1 7/8	150	SBG	STD	0.36	6
Q-AL3	1 1/4	2 5/32	150	SBG	STD	0.66	6
Q-AL4	1 1/2	2 3/8	150	SRG-2	STD	0.88	6
Q-AL5	1 1/2	2 3/8	150	SRG-2	FULL	1.10	6
Q-AL6	2	2 7/8	150	SRG-2	FULL	1.45	6
Q-BR1	3/4	1 1/2	175	SBG	STD	1.06	6
Q-BR2	1, 1 1/4	1 7/8	175	SBG	STD	1.12	6
Q-BR3	1 1/4	2 5/32	175	SBG	STD	1.94	6
Q-BR4	1 1/2	2 3/8	175	SRG-2	STD	2.64	6
Q-BR5	1 1/2	2 3/8	175	SRG-2	FULL	3.50	6
Q-BR6	2	2 7/8	175	SRG-2	FULL	4.75	6
Q-PI1	3/4	1 1/2	175	SBG	STD	0.98	10
Q-PI2	1, 1 1/4	1 7/8	175	SBG	STD	1.02	10
Q-PI3	1 1/4	2 5/32	175	SBG	STD	1.84	10
Q-PI4	1 1/2	2 3/8	175	SRG-2	STD	2.38	10

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Sandblast Couplings & Accessories Nozzle Holders

NH-AL Series (Aluminum)

NH-BR Series (Brass)

MATERIAL SPECIFICATIONS

- Aluminum – ASTM B26, Grade 713.
- Brass – ASTM B584, Grade C85700.

VIEW ONLINE



SCAN FOR INFO

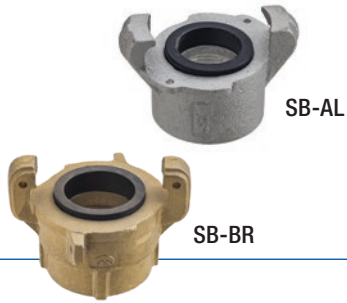
or visit

KOA.link/NH-xx

Part Number	Hose ID (in)	Hose OD (in)	PSI Rating at 70°F	NPS Thread Size (in)	Weight Each (lbs)	Standard Carton
NH-AL050	1/2	1 1/16	150	3/4	0.15	6
NH-AL1	3/4	1 1/2	150	1 1/4	0.30	6
NH-AL2	1, 1 1/4	1 7/8	150	1 1/4	0.36	6
NH-AL3	1 1/4	2 5/32	150	1 1/4	0.52	6
NH-AL4	1 1/2	2 3/8	150	1 1/4	0.98	6

Part Number	Hose ID (in)	Hose OD (in)	PSI Rating at 70°F	NPS Thread Size (in)	Weight Each (lbs)	Standard Carton
NH-BR1	3/4	1 1/2	175	1 1/4	0.94	6
NH-BR2	1, 1 1/4	1 7/8	175	1 1/4	1.02	6
NH-BR3	1 1/4	2 5/32	175	1 1/4	1.58	6
NH-BR4	1 1/2	2 3/8	175	1 1/4	2.96	6

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Sandblast Couplings & Accessories

Two Lug Threaded Couplings

SB-AL Series (Aluminum)

SB-BR Series (Brass)

MATERIAL SPECIFICATIONS

- Aluminum – ASTM B26, Grade 713.
- Brass – ASTM B584, Grade C85700.

VIEW ONLINE



SCAN FOR INFO
or visit
[KOA.link/SB-X](https://koa.link/SB-X)

Part Number	Hose ID (in)	Hose OD (in)	PSI Rating at 70°F	Gasket	Flow Size	NPT Thread Size (in)	Weight Each (lbs)	Standard Carton
SB-AL1	3/4	1 1/2	150	SBG	STD	1 1/4	0.34	6
SB-AL2	1	1 7/8	150	SBG	STD	1 1/2	0.28	6
SB-AL3	1 1/4	2 3/8	150	SRG-2	Full	1 1/2	1.05	6
SB-BR1	3/4	1 1/2	175	SBG	STD	1 1/4	1.02	6
SB-BR2	1	1 7/8	175	SBG	STD	1 1/2	0.84	6
SB-BR3	1 1/4	2 3/8	175	SRG-2	Full	1 1/2	3.05	6
SB-BR6	2	2 7/8	175	SRG-2	Full	2	4.20	6

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Sandblast Couplings & Accessories

SBG/SRG Series

Replacement Gasket for Sandblast Coupling

VIEW ONLINE



SCAN FOR INFO
or visit
KOA.link/SBG-SRG

FEATURES AND ADVANTAGES

- For both standard and full flow couplings.

MATERIAL SPECIFICATIONS

- Buna-N.

SERVICE TEMPERATURE RANGE

-60°F (-51°C) to +220°F (+104°C)

Part Number	Size	Weight Each (lbs)	Standard Carton
SBG	Standard Flow	0.032	10
SRG-2	Full Flow	0.063	10

NOTE: Sold in standard carton quantity only.



USCL Series

Carbon Steel Safety Clip with Lanyard

VIEW ONLINE

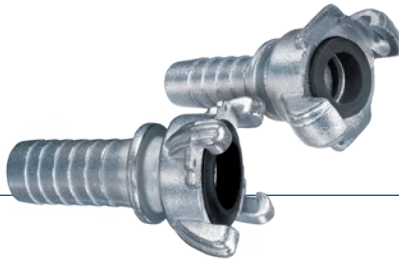


SCAN FOR INFO
or visit
KOA.link/USCL

Part Number	Weight Each (lbs)	Standard Carton
USCL	0.025	10

NOTE: Sold in standard carton quantity only.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Universal Air Hose Couplings & Accessories

HE Series Hose Coupling

⚠ WARNING: Not for use
in steam applications

VIEW ONLINE



🔍 **SCAN FOR INFO**
or visit
[KOA.link/HE](https://koa.link/HE)

FEATURES AND ADVANTAGES

- Applications include compressed air systems and pneumatic tools.
- Available in both two lug and four lug styles for quick connecting.
- Designed for compressed air and water service only.

MATERIAL SPECIFICATIONS

- ASTM A27, Grade 1030 Zinc Plated Carbon Steel.
- Complies with Mil-Spec A-A-59553.

Part Number	Hose ID Size (in)	Style	Gasket	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
HE-38	3/8	2 Lug	AHG-75	150	0.44	25
HE-50	1/2	2 Lug	AHG-75	150	0.48	25
HE-75	3/4	2 Lug	AHG-75	150	0.56	25
HE-100	1	2 Lug	AHG-75	150	0.64	25
HE-125	1 1/4	4 Lug	AHG-100	150	1.70	10
HE-150	1 1/2	4 Lug	AHG-100	150	1.80	10
HE-200	2	4 Lug	AHG-100	150	2.00	10

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Universal Air Hose Couplings & Accessories

FHE Series Hose Coupling Crimp

⚠ WARNING: Not for use
in steam applications

VIEW ONLINE



🔍 **SCAN FOR INFO**
or visit
[KOA.link/FHE](https://koi.link/FHE)

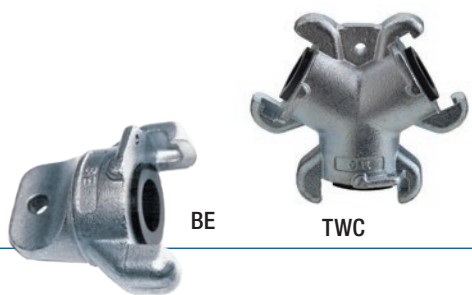
FEATURES AND ADVANTAGES

- Applications include compressed air systems and pneumatic tools.
- Available in both two lug and four lug styles for quick connecting.
- Designed for compressed air and water service only.

MATERIAL SPECIFICATIONS

- ASTM A27, Grade 1030 Zinc Plated Carbon Steel.
- Complies with Mil-Spec A-A-59553.

Part Number	Hose ID Size (in)	Hose OD (in)	Style	Gasket	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
FHE-50	1/2	27/32 - 1 1/32	2 Lug	AHG-75	150	0.50	20
FHE-75	3/4	1 1/16 - 1 11/32	2 Lug	AHG-75	150	0.60	20
FHE-100	1	1 9/32 - 1 17/32	2 Lug	AHG-75	150	0.66	20
FHE-101	1	1 15/32 - 1 23/32	2 Lug	AHG-75	150	0.66	20



TWC Series Three Way Connector

⚠ WARNING: Not for use
in steam applications

BE Series Blank End

VIEW ONLINE



🔍 **SCAN FOR INFO**
or visit
[KOA.link/TWC-BE](https://koi.link/TWC-BE)

FEATURES AND ADVANTAGES

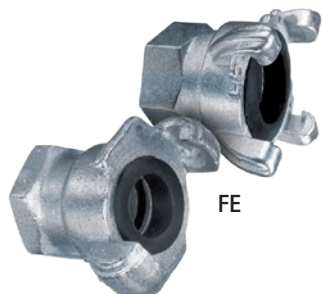
- Applications include compressed air systems and pneumatic tools.
- Available in both two lug and four lug styles for quick connecting.
- Designed for compressed air and water service only.

MATERIAL SPECIFICATIONS

- ASTM A27, Grade 1030 Zinc Plated Carbon Steel.
- Complies with Mil-Spec A-A-59553.

Part Number	Style	Gasket	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
TWC	2 Lug	AHG-75	150	0.9	12
BE	2 Lug	AHG-75	150	0.52	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



FE



ME

Universal Air Hose Couplings & Accessories

FE Series

Female Threaded Coupling

⚠ WARNING: Not for use
in steam applications

ME Series

Male Threaded Coupling

VIEW ONLINE



🔍 **SCAN FOR INFO**

or visit

KOA.link/FE-ME

FEATURES AND ADVANTAGES

- Applications include compressed air systems and pneumatic tools.
- Available in both two lug and four lug styles for quick connecting.
- Designed for compressed air and water service only.

MATERIAL SPECIFICATIONS

- ASTM A27, Grade 1030 Zinc Plated Carbon Steel.
- Complies with Mil-Spec A-A-59553.

Part Number	Female Thread Size (in)	Style	Gasket	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
FE-25	1/4	2 Lug	AHG-75	150	0.32	25
FE-38	3/8	2 Lug	AHG-75	150	0.33	25
FE-50	1/2	2 Lug	AHG-75	150	0.44	25
FE-75	3/4	2 Lug	AHG-75	150	0.48	25
FE-100	1	2 Lug	AHG-75	150	0.52	25
FE-125	1 1/4	4 Lug	AHG-100	150	0.90	10
FE-150	1 1/2	4 Lug	AHG-100	150	1.00	10
FE-200	2	4 Lug	AHG-100	150	1.20	10

Part Number	Male Thread Size (in)	Style	Gasket	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
ME-25	1/4	2 Lug	AHG-75	150	0.36	25
ME-38	3/8	2 Lug	AHG-75	150	0.40	25
ME-50	1/2	2 Lug	AHG-75	150	0.44	25
ME-75	3/4	2 Lug	AHG-75	150	0.48	25
ME-100	1	2 Lug	AHG-75	150	0.60	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Universal Air Hose Couplings & Accessories

HC Series

2-Bolt Interlocking Hose Clamp

⚠ WARNING: Not for use in steam applications

VIEW ONLINE



🔍 **SCAN FOR INFO**
or visit
[KOA.link/HC](https://koi.link/HC)

FEATURES AND ADVANTAGES

- Applications include compressed air systems and pneumatic tools.
- Available in both two lug and four lug styles for quick connecting.
- Designed for compressed air and water service only.

MATERIAL SPECIFICATIONS

- ASTM A27, Grade 1030 Zinc Plated Carbon Steel.
- Complies with Mil-Spec A-A-59553.
- Gasket – Buna-N.

Part Number	Size Range (in)	Weight Each (lbs)	Maximum Torque (ft. lbs)	Standard Carton
HC-38	11/16 - 3/4	0.20	6	25
HC-50	1 - 1 1/8	0.32	6	25
HC-75	1 1/8 - 1 5/16	0.56	12	25
HC-101	1 5/16 - 1 1/2	1.05	21	25
HC-100	1 17/32 - 1 21/32	0.72	21	25



USCL Series

Carbon Steel Safety Clip with Lanyard

VIEW ONLINE



🔍 **SCAN FOR INFO**
or visit
[KOA.link/USCL](https://koi.link/USCL)

Part Number	Weight Each (lbs)	Standard Carton
USCL	0.025	10

NOTE: Sold in standard carton quantity only.



AHG Series

Replacement Gasket for Universal Couplings

VIEW ONLINE

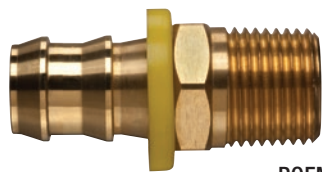


🔍 **SCAN FOR INFO**
or visit
[KOA.link/AHG](https://koi.link/AHG)

Part Number	Size Range (in)	Weight Each (lbs)	Standard Carton
AHG-75	1/2 - 1	0.01	10
AHG-100	1 1/4 - 2	0.02	10

NOTE: Sold in standard carton quantity only.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

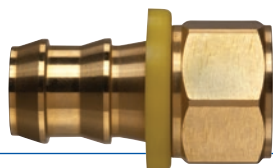


POFMP

Push-On Fittings

POFMP Series

Male Pipe x Push-On Barb



POFFP

POFFP Series

Female Pipe x Push-On Barb

VIEW ONLINE



SCAN FOR INFO

or visit

[KOA.link/
POFMP-POFFP](https://KOA.link/POFMP-POFFP)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

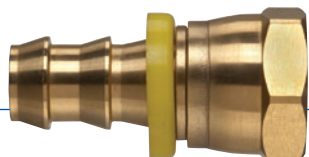
Part Number	Size (in)	Fitting Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMP-0402	1/4	1/8	NPTF	1/8 - 27	150	0.031	100
POFMP-0404	1/4	1/4	NPTF	1/4 - 18	150	0.044	100
POFMP-0406	1/4	3/8	NPTF	1/4 - 18	150	0.055	50
POFMP-0604	3/8	1/4	NPTF	1/4 - 18	150	0.053	50
POFMP-0606	3/8	3/8	NPTF	3/8 - 18	150	0.071	50
POFMP-0608	3/8	1/2	NPTF	1/2 - 14	150	0.119	25
POFMP-0808	1/2	1/2	NPTF	1/2 - 14	150	0.121	25
POFMP-1008	5/8	1/2	NPTF	1/2 - 14	150	0.143	25
POFMP-1012	5/8	3/4	NPTF	3/4 - 14	150	0.190	25
POFMP-1208	3/4	1/2	NPTF	1/2 - 14	150	1.960	25
POFMP-1212	3/4	3/4	NPTF	3/4 - 14	150	1.940	25

Part Number	Size (in)	Fitting Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFFP-0402	1/4	1/8	NPTF	1/8 - 27	150	0.029	100
POFFP-0404	1/4	1/4	NPTF	1/4 - 18	150	0.049	100
POFFP-0604	3/8	1/4	NPTF	1/4 - 18	150	0.055	50
POFFP-0606	3/8	3/8	NPTF	3/8 - 18	150	0.064	50
POFFP-0806	1/2	3/8	NPTF	3/8 - 18	150	0.077	50
POFFP-0808	1/2	1/2	NPTF	1/2 - 14	150	0.099	25
POFFP-1008	5/8	1/2	NPTF	1/2 - 14	150	0.119	25
POFFP-1212	3/4	3/4	NPTF	3/4 - 14	150	0.234	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



POFMPS



POFFPS

Push-On Fittings

POFMPS Series

Male Pipe Swivel x Push-On Barb

POFFPS Series

Female Pipe Swivel x Push-On Barb

VIEW ONLINE



SCAN FOR INFO

or visit

[KOA.link/
POFMPS-POFFPS](http://KOA.link/POFMPS-POFFPS)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

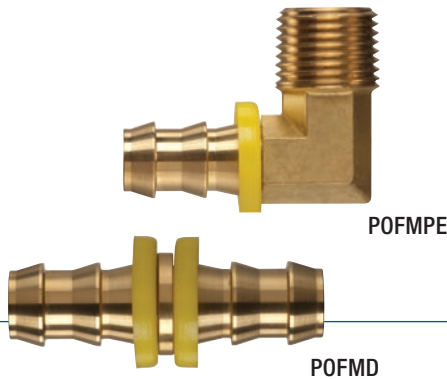
MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMPS-0404	1/4	NPTF	1/4 - 18	150	0.062	50
POFMPS-0606	3/8	NPTF	3/8 - 18	150	0.090	25
POFMPS-0808	1/2	NPTF	1/2 - 14	150	0.143	25
POFMPS-1212	3/4	NPTF	3/4 - 14	150	0.249	25

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFFPS-0404	1/4	NPTF	1/4 - 18	150	0.060	50
POFFPS-0606	3/8	NPTF	3/8 - 18	150	0.093	50
POFFPS-0808	1/2	NPTF	1/2 - 14	150	0.117	50
POFFPS-1212	3/4	NPTF	3/4 - 14	150	0.214	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Push-On Fittings

POFMPE Series

Male Pipe 90° Elbow x Push-On Barb

POFMD Series

Hose Mender

VIEW ONLINE



SCAN FOR INFO
or visit

[KOA.link/
POFMPE-POFMD](https://koya.link/POFMPE-POFMD)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

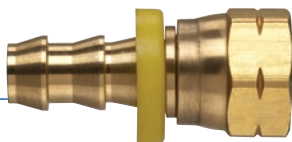
Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMPE-0404	1/4	NPTF	1/4 - 18	150	0.062	50
POFMPE-0606	3/8	NPTF	3/8 - 18	150	0.088	25
POFMPE-0808	1/2	NPTF	1/2 - 14	150	0.165	25
POFMPE-1212	3/4	NPTF	3/4 - 14	150	0.293	25

Part Number	Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMD-0404	1/4	150	0.026	100
POFMD-0606	3/8	150	0.046	50
POFMD-0808	1/2	150	0.073	50
POFMD-1010	5/8	150	0.130	25
POFMD-1212	3/4	150	0.159	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



POFFJS


POFFJS
Dual Angle


POFFSA

Push-On Fittings

POFFJS Series

Female JIC 37° Flare Swivel x Push-On Barb

Female JIC 37°/SAE 45° Flare Swivel x Push-On Barb,
Dual Angle 1/4", 1/2", 5/8"

POFFSA Series

Female SAE 45° Flare Swivel x Push-On Barb

VIEW ONLINE



SCAN FOR INFO

or visit

[KOA.link/
POFFJS-POFFSA](https://koe.link/POFFJS-POFFSA)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFFJS-0606	3/8	UNF	9/16 - 18	300	0.064	50
POFFJS-1212	3/4	UNF	1 1/16 - 12	300	0.220	25
POFFJS-0404	1/4	UNF	7/16 - 20	300	0.040	100
POFFJS-0808	1/2	UNF	3/4 - 16	300	0.097	25
POFFJS-0810	1/2	UNF	7/8 - 14	300	0.130	25
POFFJS-1010	5/8	UNF	7/8 - 14	300	0.172	25

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFFSA-0606	3/8	UNF	9/16 - 18	300	0.071	100
POFFSA-1212	3/4	UNF	1 1/16 - 12	300	0.262	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



POFMSA

Push-On Fittings

POFMSA Series

Male SAE 45° Flare x Push-On Barb



POFMJS

POFMJS Series

Male JIC 37° Flare x Push-On Barb

VIEW ONLINE



SCAN FOR INFO

or visit

[KOA.link/
POFMSA-POFMJS](https://koea.link/POFMSA-POFMJS)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

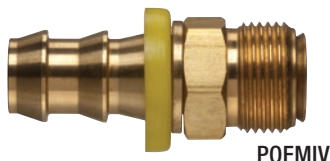
MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMSA-0404	1/4	UNF	7/16 - 20	300	0.029	100
POFMSA-0606	3/8	UNF	9/16 - 18	300	0.071	50
POFMSA-0808	1/2	UNF	3/4 - 16	300	0.112	50

Part Number	Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMJS-0404	1/4	UNF	7/16 - 20	300	0.035	100
POFMJS-0606	3/8	UNF	9/16 - 18	300	0.060	50
POFMJS-0808	1/2	UNF	3/4 - 16	300	0.121	50
POFMJS-1212	3/4	UNF	1 1/16 - 12	300	0.291	25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

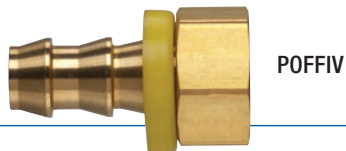


POFMIV

Push-On Fittings

POFMIV Series

Male Inverted Flare Swivel x Push-On Barb



POFFIV

POFFIV Series

Female Inverted Flare Swivel x Push-On Barb

VIEW ONLINE



SCAN FOR INFO

or visit

[KOA.link/
POFMIV-POFFIV](https://koya.link/POFMIV-POFFIV)

FEATURES AND ADVANTAGES

- Couplings designed specifically for use with push-on type hoses.
- Push-On fittings will lock on the hose without the use of clamps or ferrules.
- Applications include low-pressure air, fuel, water, oil, and lubrication lines.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

Part Number	Hose Size (in)	Fitting Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFMIV-0404	1/4	1/4	UNF	7/16 - 24	300	0.031	100
POFMIV-0405	1/4	5/16	UNF	1/2 - 20	300	0.037	100
POFMIV-0606	3/8	3/8	UNF	5/8 - 18	300	0.071	100
POFMIV-0808	1/2	1/2	UNF	3/4 - 16	300	0.106	50
POFMIV-1010	5/8	5/8	UNF	7/8 - 14	300	0.148	25

Part Number	Hose Size (in)	Fitting Size (in)	Thread Type	Thread (in-TPI)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
POFFIV-0404	1/4	1/4	UNF	7/16 - 24	300	0.024	100
POFFIV-0405	1/4	5/16	UNF	1/2 - 20	300	0.026	100
POFFIV-0606	3/8	3/8	UNF	5/8 - 18	300	0.053	50
POFFIV-0808	1/2	1/2	UNF	3/4 - 16	300	0.079	25

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Kuri Tec® ENDURE™ Push-To-Connect DOT Air Brake Fittings

GENERAL APPLICATIONS

- Pneumatic circuits for truck and trailers: air suspension, braking systems, transmissions, locking doors and windows, seat adjustment, instrumentation, air conditioning systems, horn, wiper motors, valves, cylinders and accessories.
- Suitable for all air assisted applications except those designed for use between frame and axle or between towed and towing vehicles.

CONSTRUCTION

Brass housing with polyethylene holding ring and nitrile (NBR) seals.

RECOMMENDED TUBING

Designed to work with Endure™ Air Brake tubing or other tubing that complies with DOT FMVSS 106 and meets the performance requirements of SAE J844.

MAX. PRESSURE

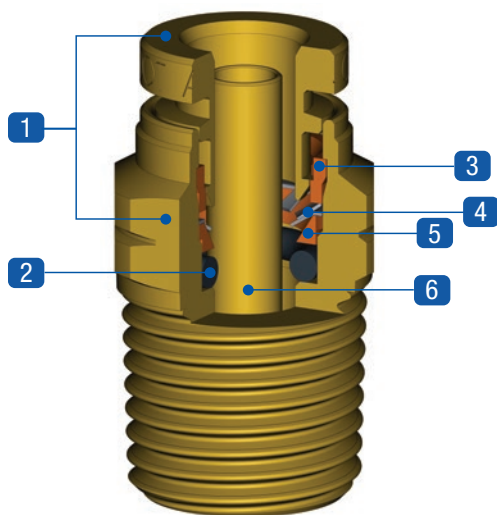
290 PSI

VACUUM RATING

29 Hg (in)

SERVICE TEMPERATURE RANGE

-58°F (-50°C) to +212°F (+100°C)



- 1 Body and Release** – Brass UNI EN 12164 CW614N - UNI EN 12165 CW617N
- 2 Seals** – NBR (Low Temperature)
- 3 Holding Ring** – Resin (PEI)
- 4 Gripping Collet** – Stainless Steel AISI 301
- 5 Protection Ring** – Resin (PEI)
- 6 Tube** – Tube Support (in)

AVAILABLE FITTING SIZES

Tubing Size	NPTF				
	1/8"	1/4"	3/8"	1/2"	3/4"
1/4"	X	X	X		
3/8"	X	X	X	X	
1/2"		X	X	X	
5/8"			X	X	X
3/4"				X	X

PART NUMBERING SYSTEM

DOT-BR MC-06 04

Endure™ DOT Brass

Fitting Style	
MC	Male Connector
FC	Female Connector
ME90	Male Elbow 90°
ME90S	Male Elbow 90° Swivel
ME45S	Male Elbow 45° Swivel
MBTS	Male Branch Tee Swivel
MRTS	Male Run Tee Swivel
UN	Union
BH	Bulk Head Union
UNE90	Union Elbow 90°
UNT	Union Tee

Size: Tube	
04	1/4"
06	3/8"
08	1/2"
10	5/8"
12	3/4"

Size: NPT/Tube	
02	1/8"
04	1/4"
06	3/8"
08	1/2"
10	5/8"
12	3/4"

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Kuri Tec® ENDURE™

Push-To-Connect DOT Air Brake Fittings – Straight



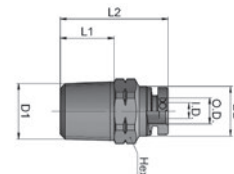
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DOT-BRMC Series

Male Straight



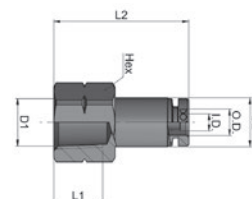
Part Number	Description	Tube OD (in)	Tube† ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRMC-0402	Male Connect 1/4 TB X 1/8 NPTF	1/4	.165	1/8	0.472	.335	0.925	1/2	0.026	25
DOT-BRMC-0404	Male Connect 1/4 TB X 1/4 NPTF	1/4	.165	1/4	0.472	.512	1.024	9/16	0.044	25
DOT-BRMC-0406	Male Connect 1/4 TB X 3/8 NPTF	1/4	.165	3/8	0.472	.512	1.063	11/16	0.074	25
DOT-BRMC-0602	Male Connect 3/8 TB X 1/8 NPTF	3/8	.244	1/8	0.630	.335	1.161	11/16	0.053	25
DOT-BRMC-0604	Male Connect 3/8 TB X 1/4 NPTF	3/8	.244	1/4	0.630	.512	1.299	11/16	0.067	25
DOT-BRMC-0606	Male Connect 3/8 TB X 3/8 NPTF	3/8	.244	3/8	0.630	.512	1.043	11/16	0.063	25
DOT-BRMC-0608	Male Connect 3/8 TB X 1/2 NPTF	3/8	.244	1/2	0.630	.669	1.240	7/8	0.133	25
DOT-BRMC-0804	Male Connect 1/2 TB X 1/4 NPTF	1/2	.362	1/4	0.787	.512	1.406	13/16	0.089	25
DOT-BRMC-0806	Male Connect 1/2 TB X 3/8 NPTF	1/2	.362	3/8	0.787	.512	1.209	13/16	0.077	25
DOT-BRMC-0808	Male Connect 1/2 TB X 1/2 NPTF	1/2	.362	1/2	0.787	.669	1.248	7/8	0.112	25
DOT-BRMC-1006	Male Connect 5/8 TB X 3/8 NPTF	5/8	.433	3/8	0.925	.512	1.555	1	0.156	10
DOT-BRMC-1008	Male Connect 5/8 TB X 1/2 NPTF	5/8	.433	1/2	0.925	.669	1.496	1	0.141	10
DOT-BRMC-1208	Male Connect 3/4 TB X 1/2 NPTF	3/4	.559	1/2	1.043	.669	1.791	1 1/16	0.191	10
DOT-BRMC-1212	Male Connect 3/4 TB X 3/4 NPTF	3/4	.559	3/4	1.043	.669	1.535	1 1/16	0.197	10

† **NOTE:** The "Tube ID (in)" column heading refers to "Tube Support ID (in)"

*Only sold in package quantities

DOT-BRFC Series

Female Straight



Part Number	Description	Tube OD (in)	Tube† ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRFC-0402	Female Connect 1/4 TB X 1/8 NPTF	1/4	.165	1/8	.472	.335	1.122	1/2	0.035	25
DOT-BRFC-0404	Female Connect 1/4 TB X 1/4 NPTF	1/4	.165	1/4	.472	.492	1.299	11/16	0.063	25
DOT-BRFC-0604	Female Connect 3/8 TB X 1/4 NPTF	3/8	.244	1/4	.630	.492	1.378	11/16	0.049	25
DOT-BRFC-0606	Female Connect 3/8 TB X 3/8 NPTF	3/8	.244	3/8	.630	.492	1.378	13/16	0.089	25
DOT-BRFC-0608	Female Connect 3/8 TB X 1/2 NPTF	3/8	.244	1/2	.630	.492	1.516	1	0.138	25
DOT-BRFC-0806	Female Connect 1/2 TB X 3/8 NPTF	1/2	.362	3/8	.787	.472	1.445	13/16	0.116	25
DOT-BRFC-0808	Female Connect 1/2 TB X 1/2 NPTF	1/2	.362	1/2	.787	.472	1.543	1	0.096	25

† **NOTE:** The "Tube ID (in)" column heading refers to "Tube Support ID (in)"

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Kuri Tec® ENDURE™ Push-To-Connect DOT Air Brake Fittings – Elbow

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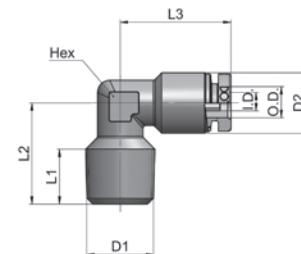


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DOT-BRME90 Series Male Elbow 90°

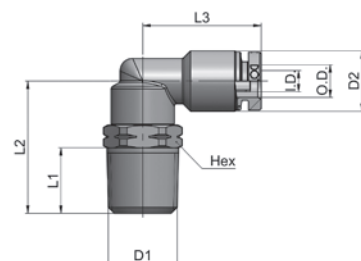


Part Number	Description	Tube OD (in)	Tube† ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	L3 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRME90-0402	Male Elbow 90° 1/4 TB X 1/8 NPTF	1/4	.165	1/8	.472	.331	.630	0.866	10	0.032	25
DOT-BRME90-0404	Male Elbow 90° 1/4 TB X 1/4 NPTF	1/4	.165	1/4	.472	.433	.787	0.866	10	0.044	25
DOT-BRME90-0604	Male Elbow 90° 3/8 TB X 1/4 NPTF	3/8	.244	1/4	.630	.472	.886	1.024	14	0.072	25
DOT-BRME90-0606	Male Elbow 90° 3/8 TB X 3/8 NPTF	3/8	.244	3/8	.630	.433	.886	1.024	14	0.079	25

† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

*Only sold in package quantities

DOT-BRME90S Series Male Elbow 90° Swivel




Part Number	Description	Tube OD (in)	Tube† ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	L3 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRME90S-0402	Male Elbow 90° Swivel 1/4 TB X 1/8 NPTF	1/4	.165	1/8	0.472	.335	0.835	0.925	1/2	0.046	25
DOT-BRME90S-0404	Male Elbow 90° Swivel 1/4 TB X 1/4 NPTF	1/4	.165	1/4	0.472	.512	1.031	0.925	9/16	0.056	25
DOT-BRME90S-0406	Male Elbow 90° Swivel 1/4 TB X 3/8 NPTF	1/4	.165	3/8	0.472	.512	1.051	0.925	11/16	0.071	25
DOT-BRME90S-0602	Male Elbow 90° Swivel 3/8 TB X 1/8 NPTF	3/8	.244	1/8	0.630	.335	0.945	1.063	11/16	0.091	25
DOT-BRME90S-0604	Male Elbow 90° Swivel 3/8 TB X 1/4 NPTF	3/8	.244	1/4	0.630	.512	1.122	1.063	11/16	0.091	25
DOT-BRME90S-0606	Male Elbow 90° Swivel 3/8 TB X 3/8 NPTF	3/8	.244	3/8	0.630	.512	1.122	1.063	11/16	0.091	25
DOT-BRME90S-0608	Male Elbow 90° Swivel 3/8 TB X 1/2 NPTF	3/8	.244	1/2	0.630	.669	1.339	1.063	7/8	0.091	25
DOT-BRME90S-0804	Male Elbow 90° Swivel 1/2 TB X 1/4 NPTF	1/2	.362	1/4	0.787	.512	1.260	1.169	13/16	0.162	25
DOT-BRME90S-0806	Male Elbow 90° Swivel 1/2 TB X 3/8 NPTF	1/2	.362	3/8	0.787	.512	1.260	1.169	13/16	0.151	25
DOT-BRME90S-0808	Male Elbow 90° Swivel 1/2 TB X 1/2 NPTF	1/2	.362	1/2	0.787	.669	1.437	1.169	7/8	0.181	25
DOT-BRME90S-1008	Male Elbow 90° Swivel 5/8 TB X 1/2 NPTF	5/8	.433	1/2	0.945	.669	1.555	1.417	7/8	0.241	10
DOT-BRME90S-1012	Male Elbow 90° Swivel 5/8 TB X 3/4 NPTF	5/8	.433	3/4	0.945	.669	1.555	1.417	1 1/16	0.275	10
DOT-BRME90S-1208	Male Elbow 90° Swivel 3/4 TB X 1/2 NPTF	3/4	.559	1/2	1.063	.669	1.555	1.496	7/8	0.288	10
DOT-BRME90S-1212	Male Elbow 90° Swivel 3/4 TB X 3/4 NPTF	3/4	.559	3/4	1.063	.669	1.555	1.496	1 1/16	0.325	10

† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

*Only sold in package quantities

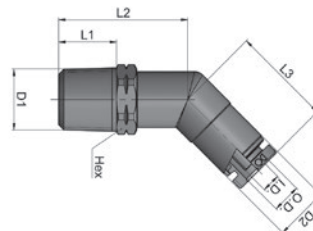
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DOT-BRME45S Series Male Elbow 45° Swivel

Part Number	Description	Tube OD (in)	Tube [†] ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	L3 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRME45S-0402	Male Elbow 45° Swivel 1/4 TB X 1/8 NPTF	1/4	.165	1/8	.472	.335	0.906	0.886	1/2	0.059	25
DOT-BRME45S-0404	Male Elbow 45° Swivel 1/4 TB X 1/4 NPTF	1/4	.165	1/4	.472	.512	1.102	0.886	9/16	0.072	25
DOT-BRME45S-0604	Male Elbow 45° Swivel 3/8 TB X 1/4 NPTF	3/8	.244	1/4	.630	.512	1.142	1.024	11/16	0.116	25
DOT-BRME45S-0606	Male Elbow 45° Swivel 3/8 TB X 3/8 NPTF	3/8	.244	3/8	.630	.512	1.161	1.024	11/16	0.119	25
DOT-BRME45S-0608	Male Elbow 45° Swivel 3/8 TB X 1/2 NPTF	3/8	.244	1/2	.630	.669	1.378	1.024	7/8	0.159	25
DOT-BRME45S-0806	Male Elbow 45° Swivel 1/2 TB X 3/8 NPTF	1/2	.362	3/8	.787	.512	1.260	1.130	13/16	0.172	25
DOT-BRME45S-0808	Male Elbow 45° Swivel 1/2 TB X 1/2 NPTF	1/2	.362	1/2	.787	.669	1.437	1.130	7/8	0.200	25

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Kuri Tec® ENDURE™ Push-To-Connect DOT Air Brake Fittings – Tee

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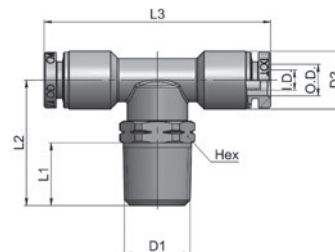


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DOT-BRMBTS Series Male Branch Tee Swivel

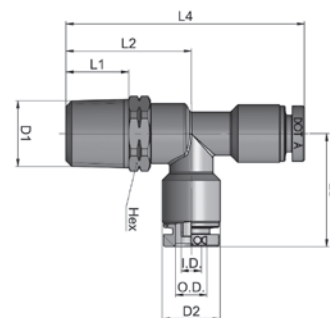


Part Number	Description	Tube OD (in)	Tube [†] ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	L3 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRMBTS-0402	Male Branch Tee Swivel 1/4 TB X 1/8 NPTF	1/4	.165	1/8	.472	.335	0.835	1.850	1/2	0.064	25
DOT-BRMBTS-0404	Male Branch Tee Swivel 1/4 TB X 1/4 NPTF	1/4	.165	1/4	.472	.512	1.031	1.850	9/16	0.075	25
DOT-BRMBTS-0406	Male Branch Tee Swivel 1/4 TB X 3/8 NPTF	1/4	.165	3/8	.472	.512	1.051	1.850	11/16	0.091	25
DOT-BRMBTS-0604	Male Branch Tee Swivel 3/8 TB X 1/4 NPTF	3/8	.244	1/4	.630	.512	1.122	2.126	11/16	0.134	25
DOT-BRMBTS-0606	Male Branch Tee Swivel 3/8 TB X 3/8 NPTF	3/8	.244	3/8	.630	.512	1.122	2.126	11/16	0.135	25
DOT-BRMBTS-0608	Male Branch Tee Swivel 3/8 TB X 1/2 NPTF	3/8	.244	1/2	.630	.669	1.339	2.126	7/8	0.178	25
DOT-BRMBTS-0804	Male Branch Tee Swivel 1/2 TB X 1/4 NPTF	1/2	.362	1/4	.787	.512	1.260	2.339	13/16	0.213	25
DOT-BRMBTS-0806	Male Branch Tee Swivel 1/2 TB X 3/8 NPTF	1/2	.362	3/8	.787	.512	1.260	2.339	13/16	0.201	25
DOT-BRMBTS-0808	Male Branch Tee Swivel 1/2 TB X 1/2 NPTF	1/2	.362	1/2	.787	.669	1.437	2.339	7/8	0.228	25

† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

*Only sold in package quantities

DOT-BRMRTS Series Male Run Tee Swivel



Part Number	Description	Tube OD (in)	Tube [†] ID (in)	D1 NPTF (in)	D2 (in)	L1 (in)	L2 (in)	L3 (in)	L4 (in)	HEX (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRMRTS-0402	Male Run Tee Swivel 1/4 TB X 1/8 NPTF	1/4	.165	1/8	.472	.335	0.835	0.925	1.752	1/2	0.076	25
DOT-BRMRTS-0404	Male Run Tee Swivel 1/4 TB X 1/4 NPTF	1/4	.165	1/4	.472	.512	1.031	0.925	1.949	9/16	0.074	25
DOT-BRMRTS-0406	Male Run Tee Swivel 1/4 TB X 3/8 NPTF	1/4	.165	3/8	.472	.512	1.051	0.925	1.969	11/16	0.091	25
DOT-BRMRTS-0604	Male Run Tee Swivel 3/8 TB X 1/4 NPTF	3/8	.244	1/4	.630	.512	1.122	1.063	2.185	11/16	0.132	25
DOT-BRMRTS-0606	Male Run Tee Swivel 3/8 TB X 3/8 NPTF	3/8	.244	3/8	.630	.512	1.122	1.063	2.185	11/16	0.135	25
DOT-BRMRTS-0608	Male Run Tee Swivel 3/8 TB X 1/2 NPTF	3/8	.244	1/2	.630	.669	1.339	1.063	2.402	7/8	0.134	25
DOT-BRMRTS-0804	Male Run Tee Swivel 1/2 TB X 1/4 NPTF	1/2	.362	1/4	.787	.512	1.260	1.169	2.429	13/16	0.213	25
DOT-BRMRTS-0806	Male Run Tee Swivel 1/2 TB X 3/8 NPTF	1/2	.362	3/8	.787	.512	1.260	1.169	2.429	13/16	0.199	25
DOT-BRMRTS-0808	Male Run Tee Swivel 1/2 TB X 1/2 NPTF	1/2	.362	1/2	.787	.669	1.437	1.169	2.606	7/8	0.227	25

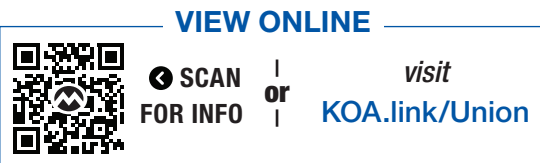
† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

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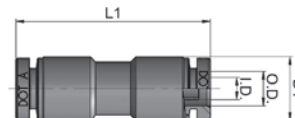
Kuri Tec® ENDURE™

Push-To-Connect DOT Air Brake Fittings – Union



DOT-BRUN Series

Union



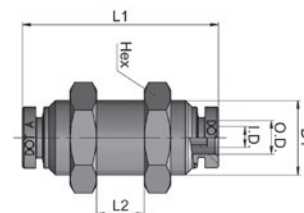
Part Number	Description	Tube OD (in)	Tube [†] ID (in)	D1 (in)	L1 (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRUN-0404	Union 1/4 TB X 1/4 TB	1/4	.165	0.472	1.323	0.064	25
DOT-BRUN-0606	Union 3/8 TB X 3/8 TB	3/8	.244	0.630	1.520	0.069	25
DOT-BRUN-0808	Union 1/2 TB X 1/2 TB	1/2	.362	0.787	1.709	0.201	25
DOT-BRUN-1010	Union 5/8 TB X 5/8 TB	5/8	.433	0.945	2.047	0.172	10
DOT-BRUN-1212	Union 3/4 TB X 3/4 TB	3/4	.559	1.102	2.244	0.225	10

† **NOTE:** The "Tube ID (in)" column heading refers to "Tube Support ID (in)"

*Only sold in package quantities

DOT-BRBH Series

Bulkhead Union



Part Number	Description	Tube OD (in)	Tube [†] ID (in)	D1 Thread Size (mm) x TP (mm)	L1 (in)	L2 (in)	HEX (mm)	Weight Each (lbs)	Pieces Per Package*
DOT-BRBH-0404	Bulkhead Union 1/4 TB X 1/4 TB	1/4	.165	M14x1	1.457	.571	18	0.039	25
DOT-BRBH-0606	Bulkhead Union 3/8 TB X 3/8 TB	3/8	.244	M18x1	1.614	.689	22	0.131	25
DOT-BRBH-0808	Bulkhead Union 1/2 TB X 1/2 TB	1/2	.362	M22x1.5	1.709	.728	26	0.188	25
DOT-BRBH-1010	Bulkhead Union 5/8 TB X 5/8 TB	5/8	.433	M26x1.5	2.047	.866	32	0.334	10

† **NOTE:** The "Tube ID (in)" column heading refers to "Tube Support ID (in)"

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Kuri Tec® ENDURE™ Push-To-Connect DOT Air Brake Fittings – Union

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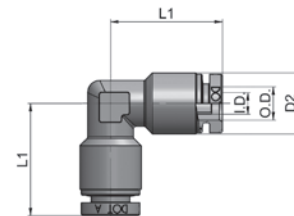


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DOT-BRUNE90 Series Union Elbow 90°

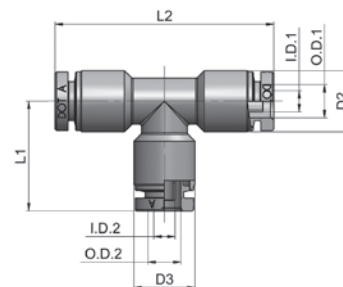


Part Number	Description	Tube OD (in)	Tube† ID (in)	D2 (in)	L1 (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRUNE90-0404	Union Elbow 90° 1/4 TB X 1/4 TB	1/4	.165	.472	0.866	0.040	25
DOT-BRUNE90-0606	Union Elbow 90° 3/8 TB X 3/8 TB	3/8	.244	.630	1.024	0.084	25
DOT-BRUNE90-0808	Union Elbow 90° 1/2 TB X 1/2 TB	1/2	.362	.787	1.110	0.135	25
DOT-BRUNE90-1010	Union Elbow 90° 5/8 TB X 5/8 TB	5/8	.433	.945	1.398	0.228	10

† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

*Only sold in package quantities

DOT-BRUNT Series Union Tee



Part Number	Description	Tube OD1 (in)	Tube† ID1 (in)	Tube OD2 (in)	Tube† ID2 (in)	D2 (in)	D3 (in)	L1 (in)	L2 (in)	Weight Each (lbs)	Pieces Per Package*
DOT-BRUNT-0404	Union Tee 1/4 TB X 1/4 TB	1/4	.165	1/4	.165	.472	.472	0.846	1.693	0.055	25
DOT-BRUNT-0606	Union Tee 3/8 TB X 3/8 TB	3/8	.244	3/8	.244	.630	.630	1.004	2.008	0.116	25
DOT-BRUNT-0604	Union Tee 3/8 TB X 1/4 TB	3/8	.244	1/4	.165	.630	.472	0.945	2.008	0.106	25
DOT-BRUNT-0808	Union Tee 1/2 TB X 1/2 TB	1/2	.362	1/2	.362	.787	.787	1.063	2.220	0.184	25
DOT-BRUNT-0806	Union Tee 1/2 TB X 3/8 TB	1/2	.362	3/8	.244	.787	.630	1.102	2.220	0.178	25
DOT-BRUNT-1010	Union Tee 5/8 TB X 5/8 TB	5/8	.433	5/8	.433	.945	.945	1.398	2.795	0.359	10

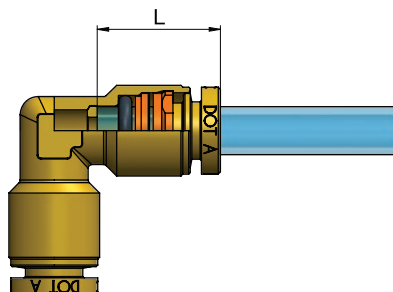
† **NOTE:** The “Tube ID (in)” column heading refers to “Tube Support ID (in)”

*Only sold in package quantities

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Kuri Tec® ENDURE™ Push-To-Connect DOT Air Brake Fittings

Tubing Insertion Depth



Tube OD	L
1/4"	.642"
3/8"	.720"
1/2"	.775"
5/8"	.917"
3/4"	.988"

ASSEMBLY INSTRUCTIONS

1. Cut the tube square (with a hose cutter) making sure that there are no burrs and that the tube is round.
2. Insert the tube into the fitting until it bottoms.

TUBE RELEASE

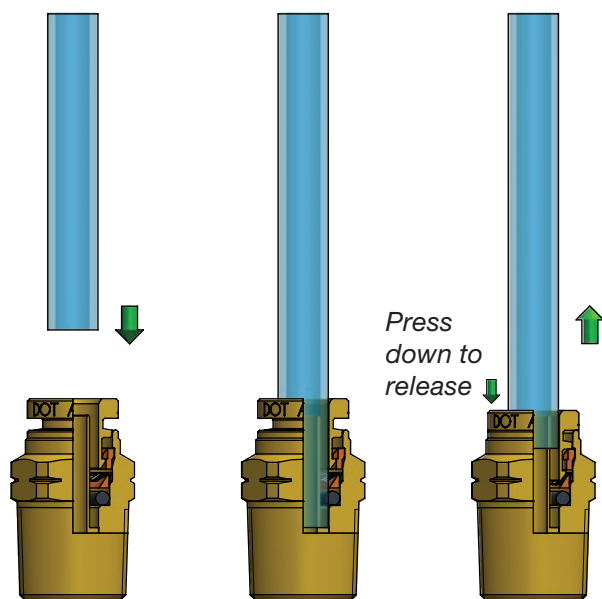
While pressing on the release ring, pull the tube from the fitting.



Once the tubing is connected to the fitting, make sure that the tubing is not pulled or stretched and that the minimum bend radius stated in the tubing section of this catalog is not exceeded.

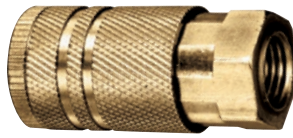
To prevent accidental tube release, be certain that nothing comes in contact with the release ring. Any load on the release ring may cause an unwanted disconnection.

To tighten NPTF threads, please refer to the following torque chart.

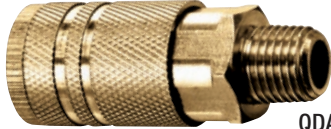


Thread	Norm Reference	Tightening Torque (ft - lb)			
		1/8"	1/4"	3/8"	1/2"
NPTF PTFE coated	ANSI/ASME B1.20.3	2.58	3.32	5.16	8.85

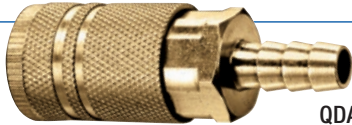
Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



QDAC-FC



QDAC-MC



QDAC-HC

Quick Disconnect Couplings

QDAC Series

FC Coupler x Female Thread

MC Coupler x Male Thread

HC Coupler x Hose Barb

FEATURES AND ADVANTAGES

- Quick connect design for easy connecting and disconnecting.
- Industrial interchange semi-automatic connection design.
- Couplings made of brass for high corrosion resistance and longer life.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

VIEW ONLINE



SCAN FOR INFO

or visit

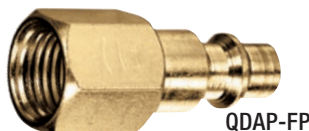
[KOA.link/QDAC](https://koi.link/QDAC)

Part Number	Body Size (in)	NPT Thread Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAC-4FC	1/4	1/4	300	0.230	10
QDAC-6FC	1/4	3/8	300	0.230	10

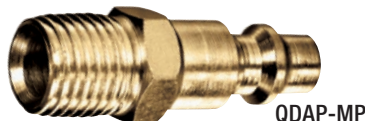
Part Number	Body Size (in)	NPT Thread Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAC-4MC	1/4	1/4	300	0.230	10
QDAC-6MC	1/4	3/8	300	0.230	10

Part Number	Body Size (in)	Barb Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAC-4HC	1/4	1/4	300	0.230	10
QDAC-6HC	1/4	3/8	300	0.230	10

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QDAP-FP



QDAP-MP



QDAP-HP

Quick Disconnect Couplings

QDAP Series

FP Plug x Female Thread

MP Plug x Male Thread

HP Plug x Hose Barb

FEATURES AND ADVANTAGES

- Quick connect design for easy connecting and disconnecting.
- Industrial interchange semi-automatic connection design.
- Couplings made of brass for high corrosion resistance and longer life.

MATERIAL SPECIFICATIONS

- Brass – ASTM B124, Grade C37700.

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or visit

[KOA.link/QDAP](https://koi.link/QDAP)

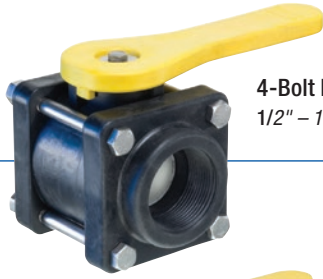
Part Number	Body Size (in)	NPT Thread Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAP-4FP	1/4	1/4	300	0.050	10
QDAP-6FP	1/4	3/8	300	0.050	10

Part Number	Body Size (in)	NPT Thread Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAP-4MP	1/4	1/4	300	0.050	10
QDAP-6MP	1/4	3/8	300	0.050	10

Part Number	Body Size (in)	Barb Size (in)	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
QDAP-4HP	1/4	1/4	300	0.050	10
QDAP-6HP	1/4	3/8	300	0.050	10

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4-Bolt Design
1/2" – 1 1/2" Sizes



6-Bolt Design
2", 3", 4" Sizes

PPBV Series

Polypropylene Ball Valve 4-Bolt and 6-Bolt Design

FEATURES AND ADVANTAGES

- Polypropylene material is glass filled for added strength and durability.
- Precision molded to ensure consistency in form and function.
- Full Port design allows free flow of material.

MATERIAL SPECIFICATIONS

- Glass filled polypropylene.
- Teflon™ seals.
- Viton® O Ring stems and seals.
- Stainless steel nuts and bolts.

Viton® is a registered trademark of The Chemours Company FC, LLC.

Teflon® is a registered trademark of The Chemours Company FC, LLC.

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KOA.link/PPBV

Part Number	Size (in)	Bolt Count	Threads	PSI Rating at 70°F	Weight Each (lbs)	Standard Carton
PPBV050	1/2	4	NPT	150	0.88	24
PPBV075	3/4	4	NPT	150	0.85	24
PPBV100	1	4	NPT	150	1.16	24
PPBV125	1 1/4	4	NPT	150	1.65	24
PPBV150	1 1/2	4	NPT	150	1.67	24
PPBV200	2	6	NPT	100	3.71	8
PPBV300	3	6	NPT	100	6.60	6
PPBV400	4	6	NPT	100	9.90	2



HA POLY Series

Polypropylene Ball Valve Replacement Handle

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KOA.link/PPBV

Part Number	Size Range (in)	Weight Each (lbs)	Standard Carton
HA POLY100	1/2 - 1	0.06	60
HA POLY150	1 1/4 - 1 1/2	0.14	40
HA POLY200	2 - 4	0.27	20

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



FV Series

Foot Valve

FEATURES AND ADVANTAGES

- Designed for use in irrigation and other pumping applications.
- Prevents the backflow of liquid when pump is turned off.
- Prevents passage of contaminants to the pump caused by silt or sand in the water.

MATERIAL SPECIFICATIONS

- Cast iron material.
- Neoprene flapper valve assembly.
- Plated steel bolts and nuts.

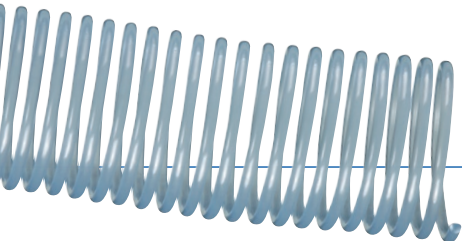
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[KOA.link/FV](https://koi.link/FV)

Part Number	Size (in)	Threads	Weight Each (lbs)	Standard Carton
FV150	1 1/2	NPT	2.90	12
FV200	2	NPT	5.30	8
FV250	2 1/2	NPT	7.30	6
FV300	3	NPT	9.00	5
FV400	4	NPT	17.90	2
FV600	6	NPT	46.60	1
FV800	8	NPT	93.70	1

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Tigerflex® Banding Coils

BCCF™ Series

Rigid PVC Banding Coils

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KOA.link/BCCF



* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For hoses with a high-profile, counterclockwise helix*

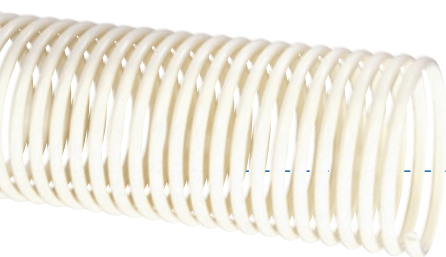
CONSTRUCTION

Clear, food grade, rigid PVC coils.

FEATURES AND ADVANTAGES

- Food grade.
- Easy assembly.
- Provides smoother surface for banding behind coupling.
- Packaged singly: One piece to make one complete hose assembly coupled at each end.
- Cut one piece in half into two equal pieces; thread between hose helix.

Series Number	Fits Hose ID (in)	Color	Weight (lbs/ft)
BCCF1.5	1 1/2	Clear	0.20
BCCF2	2	Clear	0.30
BCCF3	3	Clear	0.60
BCCF4	4	Clear	0.90
BCCF5	5	Clear	1.10
BCCF6	6	Clear	1.30
BCCF8	8	Clear	1.40



BCWF™ Series

Rigid PVC Banding Coils

VIEW ONLINE



SCAN FOR INFO

or visit

KOA.link/BCWF



* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For hoses with a low-profile, counterclockwise helix*

CONSTRUCTION

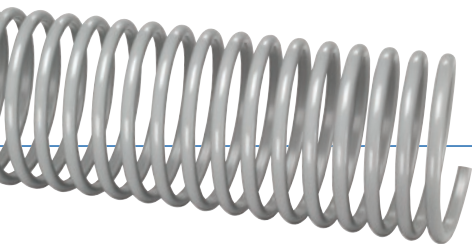
White, food grade, rigid PVC coils.

FEATURES AND ADVANTAGES

- Food grade.
- Easy assembly.
- Provides smoother surface for banding behind coupling.
- Packaged singly: One piece to make one complete hose assembly coupled at each end.
- Cut one piece in half into two equal pieces; thread between hose helix.

Series Number	Fits Hose ID (in)	Color	Weight (lbs/ft)
BCWF2	2	White	0.25
BCWF3	3	White	0.45

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



tigerflex® Banding Coils

BCRT™ Series

Rigid PVC Banding Coil

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KOA.link/BCRT



**MADE IN THE
USA**

* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For non-food grade applications
- For hoses with a high-profile, clockwise helix*

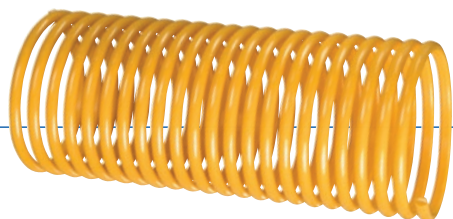
CONSTRUCTION

Gray non-food grade, rigid PVC coils.

FEATURES AND ADVANTAGES

- Easy assembly.
- Provides smoother surface for banding behind coupling.
- Packaged singly: One piece to make one complete hose assembly coupled at each end.
- Cut one piece in half into two equal pieces; thread between hose helix.

Series Number	Fits Hose ID (in)	Color	Weight (lbs/ft)
BCRT2	2	Gray	0.30
BCRT3	3	Gray	0.60
BCRT4	4	Gray	0.90



BCYL™ Series

Rigid PVC Banding Coil

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KOA.link/BCYL



**MADE IN THE
USA**

* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For TV™ Vapor Recovery Hoses

CONSTRUCTION

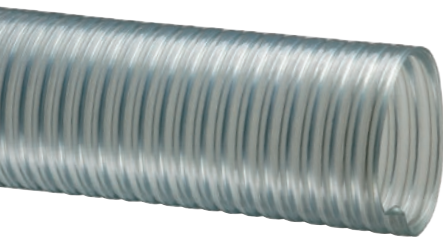
Yellow, non-food grade, rigid PVC coils.

FEATURES AND ADVANTAGES

- Provides smoother surface for banding behind coupling.
- Packaged singly: One piece to make one complete hose assembly coupled at each end.
- Cut one piece in half into two equal pieces; thread between hose helix.

Series Number	Fits Hose ID (in)	Color	Weight (lbs/ft)
BCYL2	2.02	Yellow	0.25
BCYL3	3.03	Yellow	0.45
BCYL4	4.04	Yellow	0.75

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



tigerflex® Banding Sleeves

SLV-VT™ Series

Flexible PVC Banding Sleeves

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KOA.link/SLV-VT



* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For hoses with a high-profile, counterclockwise helix*

CONSTRUCTION

Clear, food grade, rigid PVC coils.

FEATURES AND ADVANTAGES

- Food grade
- Helps prevent over bending near the coupling.
- Cut into approximately 12-inch lengths; screw onto hose at each end.

Series Number	Fits Hose ID (in)	Color	Standard Length (ft)	Weight (lbs/ft)
SLV-VLT3X3	3	Clear	3	3.50
SLV-VLT4x3	4	Clear	3	4.29



SLV-DRP™ Series

Flexible PVC Sleeve

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SCAN FOR INFO

or visit

KOA.link/SLV-DRP



* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For hoses with a high-profile, counterclockwise helix*

CONSTRUCTION

Green, non-food grade, flexible PVC.

FEATURES AND ADVANTAGES

- Helps prevent over bending near the coupling.
- Cut into approximately 12-inch lengths; screw onto hose at each end.

Part Number	Fits Hose ID (in)	Color	Standard Length (ft)	Weight (lbs/ea)
SLV-DRP3X3	3.03	Green	3	3.06
SLV-DRP4X3	4.04	Green	3	4.29

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



tigerflex® Banding Sleeves

SLV-VAP™ Series

Flexible PVC Sleeve

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* Refer to Accessories Compatibility Chart in Tigerflex Hose Catalog for compatibility – KOA.link/Tigerflex-Compatibility

GENERAL APPLICATIONS

- For hoses with a low-profile, counterclockwise helix*

CONSTRUCTION

Yellow, non-food grade, flexible PVC.

FEATURES AND ADVANTAGES

- Helps prevent over bending near the coupling.
- Cut into approximately 12-inch lengths; screw onto hose at each end.

Part Number	Fits Hose ID (in)	Color	Standard Length (ft)	Weight (lbs/ea)
SLV-VAP2X3	2.02	Yellow	3	1.80
SLV-VAP3X3	3.03	Yellow	3	3.09
SLV-VAP4X3	4.04	Yellow	3	4.20



SLV-NDH™ Series

Flexible PVC Sleeve

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KOA.link/SLV-NDH



GENERAL APPLICATIONS

- For NDH™ Drop and Transfer Hoses

CONSTRUCTION

Gray, non-food grade flexible PVC.

FEATURES AND ADVANTAGES

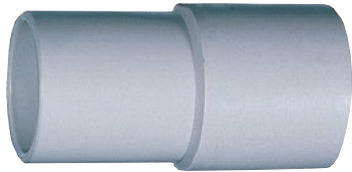
- Helps prevent over bending near the coupling.
- Cut into approximately 12-inch lengths; screw onto hose at each end.

Part Number	Fits Hose ID (in)	Color	Standard Length (ft)	Weight (lbs/ea)
SLV-NDH2X3	2.02	Gray	3	1.83
SLV-NDH3X3	3.03	Gray	3	3.06
SLV-NDH4X3	4.04	Gray	3	4.29

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CUFF / GBCUFF



A2150L1



CMCB

CMCW

Hose Cuffs

CUFF™ Series

King Bee™ Hose Additional Cuff

GBCUFF™ Series

Grease Bandit™ Hose Additional Cuff

A2150L1

Custom molded cuff for use with Tigerflex™ Series MH150

CMCB™ / CMCW™ (EPT Rubber)

TigerDuct® Custom Molded Cuffs

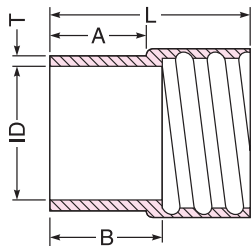
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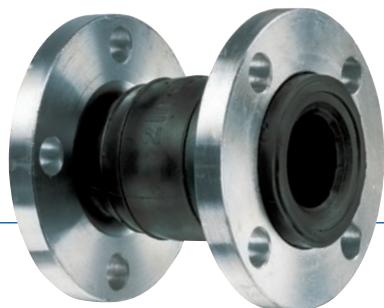
Part Number	ID (in)	Weight Each (lbs)
A2150L1	1 1/2	0.20
CUFF2	2	0.20
CUFF3	3	0.27
GBCUFF150	1 1/2	0.18
GBCUFF200	2	0.20



Part Number		ID (in)	L Total Length (in)	Length Outside (in)		T Thickness (mm)	Weight Each (lbs)
Brown	White			A Cuff	B Cuff		
CMCB-150	CMCW-150	1 1/2	2.76	1.38	1.57	3	0.10
CMCB-200	CMCW-200	2	2.76	1.38	1.57	3	0.12
CMCB-250	CMCW-250	2 1/2	2.76	1.38	1.57	3	0.16
CMCB-300	CMCW-300	3	3.15	1.57	1.77	3	0.20
CMCB-400	CMCW-400	4	3.54	1.77	1.97	3	0.28
CMCB-500	CMCW-500	5	3.74	1.77	1.93	3.5	0.54
CMCB-600	CMCW-600	6	3.94	1.77	2.17	3	0.56

† Molded cuffs are an additional purchase option.

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Expansion Joints

HTSRF Series

Single Sphere Rubber Expansion Joints

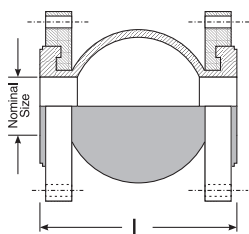
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[KOA.link/HTSRF](https://koi.link/HTSRF)



FEATURES AND ADVANTAGES

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation using either floating flanges or threaded unions.
- Excellent for use with moderate chemicals, most oils, fats, grease, and many solvents.
- A retention ring is supplied with all double sphere flanged expansion joints.

MATERIAL SPECIFICATIONS

- Nylon fabric-reinforced neoprene body.
- HTSRF and HTDRF series supplied with forged carbon steel flanges.
- HTDRU supplied with ductile iron plated pipe unions.
- Flanges meet ANSI B16.56 and ASTM A-105 specifications.

Part Number	Size (in)	Length (L - in)	Allowable Movement				Operating Conditions			
			Axial Compression (in)	Axial Elongation (in)	Transverse Deflection (in)	Angular Deflection (Degrees)	Max. Pressure (psi)	Max. Temp. (°F)	Vacuum (hg)	Weight Each (lbs)
HTSRF12x6	1 1/4	6	1/2	3/8	1/2	15	225	220	16	5.00
HTSRF15x6	1 1/2	6	1/2	3/8	1/2	15	225	220	16	6.10
HTSRF20x6	2	6	1/2	3/8	1/2	15	225	220	16	8.90
HTSRF25x6	2 1/2	6	1/2	3/8	1/2	15	225	220	16	12.30
HTSRF30x6	3	6	1/2	3/8	1/2	15	225	220	16	14.00
HTSRF40x6	4	6	5/8	3/8	1/2	15	225	220	16	18.30
HTSRF50x6	5	6	5/8	3/8	1/2	15	225	220	16	22.80
HTSRF60x6	6	6	5/8	3/8	1/2	15	225	220	16	26.80
HTSRF80x6	8	6	5/8	3/8	1/2	15	225	220	16	40.60
HTSRF100x8	10	8	3/4	1/2	3/4	15	225	220	16	56.60
HTSRF120x8	12	8	3/4	1/2	3/4	15	225	220	16	83.00

† **NOTE:** Not for use with oxidizing acids, esters, and ketones

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Expansion Joints

HTDRF Series

Double Sphere Rubber Expansion Joints

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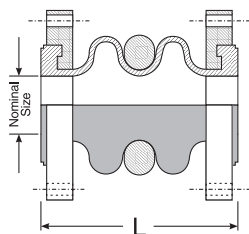
[KOA.link/HTDRF](https://koya.link/HTDRF)

FEATURES AND ADVANTAGES

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation using either floating flanges or threaded unions.
- Excellent for use with moderate chemicals, most oils, fats, grease, and many solvents.
- A retention ring is supplied with all double sphere flanged expansion joints.

MATERIAL SPECIFICATIONS

- Nylon fabric-reinforced neoprene body.
- HTSRF and HTDRF series supplied with forged carbon steel flanges.
- HTDRU supplied with ductile iron plated pipe unions.
- Flanges meet ANSI B16.56 and ASTM A-105 specifications.



Part Number	Size (in)	Length (L - in)	Allowable Movement				Operating Conditions			
			Axial Compression (in)	Axial Elongation (in)	Transverse Deflection (in)	Angular Deflection (Degrees)	Max. Pressure (psi)	Max. Temp. (°F)	Vacuum (hg)	Weight Each (lbs)
HTDRF12x7	1 1/4	7	2	1 1/4	1 1/2	40	150	220	16	5.30
HTDRF15x7	1 1/2	7	2	1 1/4	1 1/2	40	150	220	16	6.80
HTDRF20x7	2	7	2	1 1/4	1 1/2	40	150	220	16	9.00
HTDRF25x7	2 1/2	7	2	1 1/4	1 1/2	40	150	220	16	13.30
HTDRF30x7	3	7	2	1 1/4	1 1/2	40	150	220	16	14.30
HTDRF40x9	4	9	2 1/4	1 1/2	1 3/4	35	150	220	16	20.30
HTDRF50x9	5	9	2 1/4	1 1/2	1 3/4	35	150	220	16	24.50
HTDRF60x9	6	9	2 1/4	1 1/2	1 3/4	35	150	220	16	29.50
HTDRF80x13	8	13	2 1/2	1 1/2	1 3/4	30	150	220	16	43.80
HTDRF100x13	10	13	2 1/2	1 1/2	1 3/4	30	150	220	16	64.10

† **NOTE:** Not for use with oxidizing acids, esters, and keytones

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Expansion Joints

HTDRU Series

Threaded Union Rubber Expansion Joints

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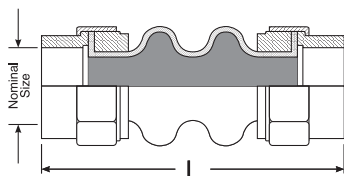
[KOA.link/HTDRU](https://koi.link/HTDRU)

FEATURES AND ADVANTAGES

- Excellent ability to absorb vibration and sound.
- Allows for four-way movement.
- Withstands high pressure.
- Easy installation using either floating flanges or threaded unions.
- Excellent for use with moderate chemicals, most oils, fats, grease, and many solvents.
- A retention ring is supplied with all double sphere flanged expansion joints.

MATERIAL SPECIFICATIONS

- Nylon fabric-reinforced neoprene body.
- HTSRF and HTDRF series supplied with forged carbon steel flanges.
- HTDRU supplied with ductile iron plated pipe unions.
- Flanges meet ANSI B16.56 and ASTM A-105 specifications.



Part Number	Size (in)	Length (L - in)	Allowable Movement				Operating Conditions			
			Axial Compression (in)	Axial Elongation (in)	Transverse Deflection (in)	Angular Deflection (Degrees)	Max. Pressure (psi)	Max. Temp. (°F)	Vacuum (hg)	Weight Each (lbs)
HTDRU0075	3/4	8	7/8	1/4	7/8	45	150	240	16	1.80
HTDRU0100	1	8	7/8	1/4	7/8	45	150	240	16	2.80
HTDRU0125	1 1/4	8	7/8	1/4	7/8	45	150	240	16	3.50
HTDRU0150	1 1/2	8	7/8	1/4	7/8	45	150	240	16	4.00
HTDRU0200	2	8	7/8	1/4	7/8	45	150	240	16	5.00

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Expansion Joints

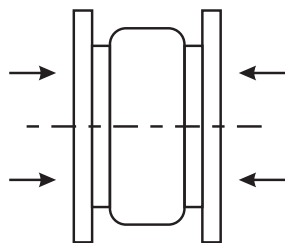
ELASTOMER PHYSICAL PROPERTIES & CHEMICAL RESISTANCE OF RUBBER EXPENSION JOINTS

Material Designation	Neoprene
ANSI/ASTM D1418-17	CR
ASTM D-2000 SAE J-200	BC, BE
Ozone	Very Good
Weather	Excellent
Sunlight	Very Good
Oxidation	Very Good
Heat	Good
Cold	Good
Flame	Good
Tear	Good
Abrasion	Very Good
Impermeability	Good
Dynamic	Fair
Rebound-Hot	Very Good
Rebound-Cold	Good
Comp. Set	Fair
Tensile Strength	Good

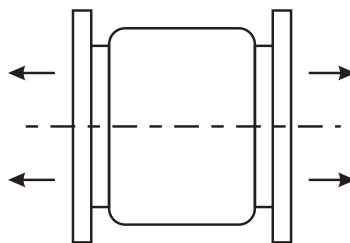
Material Designation	Neoprene
Dielectric Strength	Very Good
Electrical Insulation	Fair/Good
Water Absorption	Good
Radiation	Very Good
Swelling in Oil	Good
Acid, Diluted	Excellent
Acid, Concentrated	Good
Aliphatic Hydrocarbons	Fair/Good
Aromatic Hydrocarbons	Fair
Oxygenated Hydrocarbons	Poor/Fair
Lacquers	Poor
Oil & Gasoline	Good
Alkali, Diluted	Good
Alkali, Concentrated	Poor
Animal & Vegetable Oil	Good
Chemical	Fair/Good
Water	Good

RUBBER EXPANSION JOINTS MOVEMENT

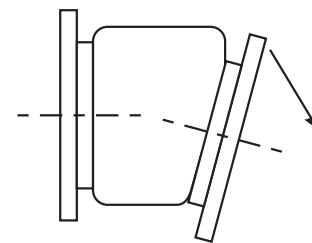
Expansion joints are designed to absorb different movements concurrently



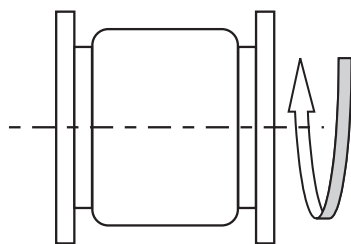
Axial compression



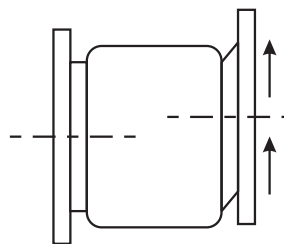
Axial elongation



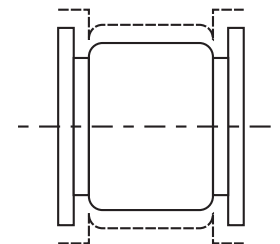
*Angular deflection
bending of the centerline*



*Torsional movement
rotation about the centerline (twist)*



*Transverse deflection
perpendicular to centerline*



Vibration

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Expansion Joints

There are a number of reasons why rubber expansion joints can provide the ideal solution to your piping and plumbing problems:

- **Minimal face-to-face dimensions** — Rubber expansion joints require considerably less space than typical expansion bends or loops and frequently have a lower pressure drop. This can translate into savings on installation costs, as well as improved performance.
- **Light weight** — Rubber expansion joints are relatively light in weight. This makes installation easier and less costly.
- **Low movement forces required** — The natural flexibility of rubber expansion joints allows almost unlimited flexing and recovery, as well as requiring less force to move. This helps prevent damage to costly equipment and expensive down time.
- **Reduced fatigue factor** — The elastomers used in rubber expansion joints are not subject to fatigue breakdown or embrittlement. And they prevent electrolytic action.
- **Reduced heat loss** — Rubber expansion joints reduce heat losses and give longer maintenance-free service.
- **Corrosion- and erosion-resistance** — The superior corrosion-resistant characteristics of rubber expansion joints permit the safe handling of a wide variety of materials within the rated pressures and temperatures

TYPICAL APPLICATIONS

- **Air Conditioning, Heating & Ventilation Systems**

Commercial & institutional buildings	Hospitals
Schools	Motels
Apartments	Hotels
Stores	Aboard ships & boats

- **Central & Ancillary Power Generating Stations**

Communities	Buildings
Factories	Aboard ships & boats

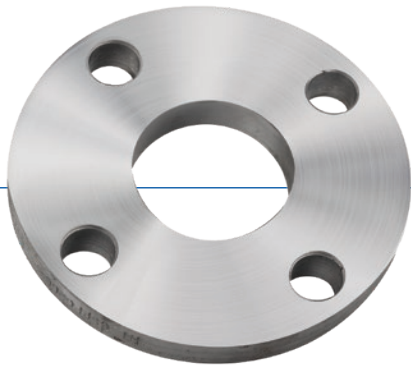
- **Sewage Disposal & Water Treatment Plants**

- **Irrigation & Fire Fighting Stations**

- **Process Piping**

Pulp & paper	Primary metal
Chemical	Petroleum refining

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Flanges

CSPF Series *(Carbon Steel)*

Plate Flange

FEATURES AND ADVANTAGES

- Designed for use in low-pressure applications in noncorrosive environments.
- Commonly used with turn back nipples to create a floating flange.

MATERIAL SPECIFICATIONS

- Forged Carbon Steel.
- ANSI B16.56.
- ASTM A-105.

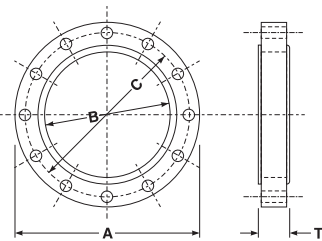
VIEW ONLINE



SCAN FOR INFO

or visit

KOA.link/Flanges



Part Number	Size (in)	OD A (in)	Bore B	Circle C (in)	Thickness (in)	Number Bolt Holes	Diameter Bolt Holes (in)	PSI Rating at 70°F	Weight Each (lbs)
CSPF0150	1 1/2	5	1.950	3 7/8	5/8	4	5/8	150	2.70
CSPF0200	2	6	2.440	4 3/4	5/8	4	3/4	150	4.10
CSPF0250	2 1/2	7	2.940	5 1/2	5/8	4	3/4	150	5.35
CSPF0300	3	7 1/2	3.570	6	5/8	4	3/4	150	5.80
CSPF0400	4	9	4.570	7 1/2	5/8	8	3/4	150	8.00
CSPF0500	5	10	5.660	8 1/2	3/4	8	7/8	150	10.37
CSPF0600	6	11	6.720	9 1/2	3/4	8	7/8	150	11.76
CSPF0800	8	13 1/2	8.720	11 3/4	1	8	7/8	150	22.48
CSPF1000	10	16	10.880	14 1/4	1	12	1	150	26.83
CSPF1200	12	19	12.880	17	1	12	1	150	42.30

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Flanges

CSR Series (*Carbon Steel*)

Raised Face Slip-on Flange

FEATURES AND ADVANTAGES

- Designed for use in low-pressure applications in noncorrosive environments.
- Flange has no internal stop. To assemble slide a pipe through the flange and weld on both sides.

MATERIAL SPECIFICATIONS

- Forged Carbon Steel.
- ANSI B16.56.
- ASTM A-105.

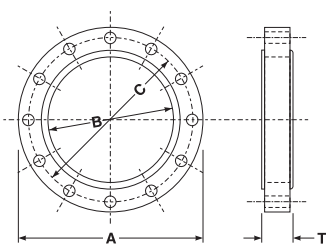
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Part Number	Size (in)	OD A (in)	Bore B	Circle C (in)	Thickness (in)	Number Bolt Holes	Diameter Bolt Holes (in)	PSI Rating at 70°F	Weight Each (lbs)
CSR1500150	1 1/2	5	1.950	3 7/8	7/8	4	5/8	150	3.60
CSR1500200	2	6	2.440	4 3/4	1	4	3/4	150	5.07
CSR1500300	3	7 1/2	3.570	6	1 1/4	4	3/4	150	7.94
CSR1500400	4	9	4.570	7 1/2	1 3/8	8	3/4	150	13.01
CSR1500600	6	11	6.720	9 1/2	1 1/2	8	7/8	150	18.74
CSR1500800	8	13 1/2	8.720	11 3/4	1 3/4	8	7/8	150	29.98
CSR1501000	10	16	10.880	14 1/4	2	12	1	150	42.99

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Flanges

CSRFTHD Series (*Carbon Steel*)

Raised Face Threaded Flange

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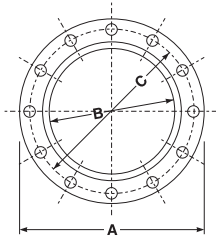
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FEATURES AND ADVANTAGES

- Designed for use in low-pressure applications in noncorrosive environments.
- Designed with female NPT threads for use with male threaded fittings.

MATERIAL SPECIFICATIONS

- Forged Carbon Steel.
- ANSI B16.56.
- ASTM A-105.



Part Number	Size (in)	OD A (in)	Bore B	Circle C (in)	Thickness (in)	Number Bolt Holes	Diameter Bolt Holes (in)	PSI Rating at 70°F	Weight Each (lbs)
CSRFTHD1500150	1 1/2	5	1.950	3 7/8	7/8	4	5/8	150	3.60
CSRFTHD1500200	2	6	2.440	4 3/4	1	4	3/4	150	5.07
CSRFTHD1500250	2 1/2	7	2.940	5 1/2	1 1/8	4	3/4	150	7.05
CSRFTHD1500300	3	7 1/2	3.570	6	1 1/4	4	3/4	150	7.94
CSRFTHD1500400	4	9	4.570	7 1/2	1 3/8	8	3/4	150	13.01
CSRFTHD1500600	6	11	6.720	9 1/2	1 1/2	8	7/8	150	18.74
CSRFTHD1500800	8	13 1/2	8.720	11 3/4	1 3/4	8	7/8	150	29.98
CSRFTHD1501000	10	16	10.880	14 1/4	2	12	1	150	42.99
CSRFTHD1501200	12	19	12.880	17	2 1/8	12	1	150	63.93

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Hose Cutters

HCMD

Medium Hose and Tubing Cutter

HCLG

Large Hose and Tubing Cutter

HCRCT

One Handed Ratchet Hose Cutter

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[KOA.link/Hose-Cutters](https://koa.link/Hose-Cutters)

FEATURES AND ADVANTAGES

- HCMD – Cuts up to 1 5/8" Hose and Tubing
Weight 4.3 oz.
- HCLG – Cuts up to 1 7/8" OD Hose and Tubing
Weight 5.0 oz.
- HCRCT – Cuts up to 2 1/2" OD Hoses
Weight 1.4 lbs.



HCMD-BLADE



HCLG-BLADE



HCRCT-BLADE

Replacement Blades

HCMD-BLADE

Replacement blade for Medium Cutter
Medium Hose and Tubing Cutter

HCLG-BLADE

Replacement blade for Large Cutter
Large Bundle - Hose - Tubing Cutter

HCRCT-BLADE

Replacement blade for One Handed Ratchet Cutter
Large Bundle - Hose - Tubing Cutter

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ALFAMUFF Series

Field Replaceable Fixed Flange-Muff Coupling

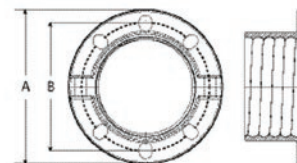
GENERAL APPLICATIONS

Specially designed for use with the T719AA abrasive slurry hose.

FEATURES AND ADVANTAGES

- **Easy Assembly** – Two identical half shells connected with bolts (included) can be assembled in the field.*
- **Reduces Replacement Costs** – Re-usable and durable couplings since not in contact with transported abrasive materials.
- **Lightweight and Durable** – Aluminum lightweight-flanged connection system.
- **Compatibility** – Universal flanges with elliptical drilling patterns.

* Coupling complete with bolts, nuts and washers.



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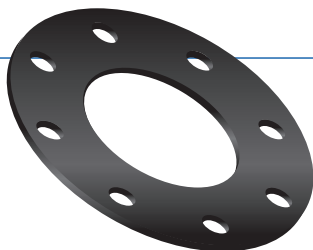
KOA.link/ALFAMUFF

Part Number	ID		Length		Max. Rec. WP (psi)	Thread Type	Flange Compatibility	Flange Dimensions				Weight Each (lbs)
	(in)	(mm)	(in)	(mm)				A (in)	(mm)	B (in)	(mm)	
ALFAMUFF200	2	51	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	6.50	165	4.72	120	3.15
ALFAMUFF300	3	76	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	7.87	200	6.06	154	3.73
ALFAMUFF400	4	102	3.35	85	150	UNIV	PN10/ASA150/TAB.D-E	9.05	230	7.16	182	4.71
ALFAMUFF600	6	152	4.53	115	150	UNIV	PN10/ASA150/TAB.D-E	11.22	285	9.29	236	8.34
ALFAMUFF800	8	203	5.90	150	150	UNIV	PN10/ASA150/TAB.D-E	13.58	345	11.50	292	13.26
ALFAMUFF1000	10	254	6.89	175	150	UNIV	PN10/ASA150/TAB.E	15.94	405	13.90	353	21.06
ALFAMUFF1200	12	305	7.68	195	150	UNIV	PN10/ASA150/TAB.D-E	19.49	495	16.46	418	30.23

10" size compatible with table E only

ALFASEAL Series

Flange Seal for Alfamuff Couplings



GENERAL APPLICATIONS

Black SBR flange seal with elliptical drilling patterns compatible with the Alfamuff couplings.

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KOA.link/ALFASEAL

Part Number	ID		Thickness (mm)	Weight Each (lbs)
	(in)	(mm)		
ALFASEAL200	2	51	8	0.37
ALFASEAL300	3	76	8	0.54
ALFASEAL400	4	102	8	0.69
ALFASEAL600	6	152	8	0.95

Part Number	ID		Thickness (mm)	Weight Each (lbs)
	(in)	(mm)		
ALFASEAL800	8	203	8	1.30
ALFASEAL1000	10	254	8	1.60
ALFASEAL1200	12	305	8	2.46

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