

TURING • QUALITY • SERVICE • MANUFACTURING • QUALITY • SERVICE • MANUFACTURING • QUALITY • SERVICE • MANUFACTURING • QUALITY • SERVICE • MANUFACTURING



The Right Connection®

Hygienic Product Catalogue

dixonvalve.com.au
customerservice@dixonvalve.com.au



Common Excellence • Uncommon Excellence • Uncommon Excellence • Uncommon Excellence

MAN



LINK

YOUR QUICK LINK TO DIXON



- 24 hour online ordering
- Pricing enquiries
- Stock availability
- Complete product catalogue
- Special promotions
- Point of sale promotional items
- View invoices
- Review orders



The Right Connection®

Table of Contents

HYGIENIC FITTINGS

Pages 4 - 32

Nuts, Blanks Caps, Hose Tails, Welding Fittings, Weld Liners, Spanners, Gaskets, Wine, Sample Tap, Clamps, Tees, Reducers, Adaptors, Swivels, Sight Glasses, Spray Balls



A

HYGIENIC VALVES AND PUMPS

Pages 33 - 64

Butterfly Valves, Check Valves, Ball Valves, Mix Proof Valves, Pumps, Aseptic Seat, Hygienic Control, Aseptic Control, Aseptic Sampling, Hygienic Safety



B

BIOPHARMACEUTICAL FITTINGS

Pages 65 - 80

Elbows, Tees, Reducers, Caps, Ferrules, Adaptors, Packaging, Tube



C

INDUSTRIAL FITTINGS

Pages 81 - 97

Cam & Groove Fittings, Flow Boss Heavy Duty Washdown Gun, Screwed Pipe Fittings, Clamps, Hydraulic Couplings



D

HOSE AND HOSE FITTINGS

Pages 98 - 111

Stainless Steel Metallic Hose, PTFE Metallic Hose, PVC Hose, Rubber Hose, Hose Assemblies, Spiral Hose Guard, Crimp Stems, External Crimp Ferrules



E

INDUSTRIAL VALVES

Pages 112 - 115

Stainless Steel Ball Valves, Brass Solenoid Valves, Knife Gate Valves



F

TECHNICAL INFORMATION

Pages 116 - 135

Clamp Fittings and Gasket Sizing Guides, Identifying Fittings - DIN, RJT, SMS, IDF, Sanitary Gaskets, Compound Selection Guidelines



G

INDEX

Pages 136 - 140

Description Index, Terms and Conditions

H

Information contained in this catalogue is true and accurate as of the date of printing and may be subject to change.



Phone: 1300 134 651
dixonvalve.com.au

Hygienic Product Catalogue

Hygienic Fittings.....	4-32
Fittings and Gaskets	5-11
BSM (RJT) Fittings and Gaskets	5-7
DIN Fittings and Gaskets	8
SMS Fittings and Gaskets.....	9-10
Wine Fittings and Gaskets	10-11
Clamps.....	12
Ferrules	13
Clamp Style Gaskets	14-22
Clamp Fittings and Gasket Sizing Guide	23-24
Buttweld Elbows and Reducers	25-26
Clamp Elbows, Reducers, and Tees	26-27
Tube Adaptors.....	28
Buttweld Adaptors and Couplers.....	28
Breakaway Couplings	28
Swivels	29
Sight Glasses.....	30
Spray Balls.....	31-32



BSM (RJT) Hex Nuts RJT-13H

Material:		• 304 stainless steel
Standard:		• RJT (BSM) AS1528.2 - 2001 screwed couplings
Size (inch)	Part No.	
1	13H-G100RJT	
1½	13H-G150RJT	
2	13H-G200RJT	
2½	13H-G250RJT	
3	13H-G300RJT	
4	13H-G400RJT	
6	13H-G600RJT	

Price Group: DS

AV02



BSM (RJT) Blank Caps

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	13RBN-R100RJT	
1½	13RBN-R150RJT	
2	13RBN-R200RJT	
2½	13RBN-R250RJT	
3	13RBN-R300RJT	
4	13RBN-R400RJT	

Price Group: DS

AV02



BSM (RJT) Hex Blank Nuts-13HBN

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	13HBN-R100RJT	
1½	13HBN-R150RJT	
2	13HBN-R200RJT	
2½	13HBN-R250RJT	
3	13HBN-R300RJT	
4	13HBN-R400RJT	

Price Group: DS



Double Rolled Hose Tails

Material:		• 304 stainless steel
Size (inch)	Part No.	
1	HTWE-100	
1½	HTWE-150	
2	HTWE-200	
2½	HTWE-250	
3	HTWE-300	
4	HTWE-400	

Price Group: DS

AV11



BSM (RJT) Weld Male

A



RJT-15



RJT-15 CIP Flat Face

Material:		• 316 stainless steel
Standard:		• RJT (BSM) AS1528.2 - 2001 screwed couplings
Size (inch)	Part No.	
RJT-15		
1	15A-R100RJT	
1½	15A-R150RJT	
2	15A-R200RJT	
2½	15A-R250RJT	
3	15A-R300RJT	
4	15A-R400RJT	
6	15A-R600RJT	
RJT-15 CIP Flat Face		
1	15A-R100RJT-CIP	
1½	15A-R150RJT-CIP	
2	15A-R200RJT-CIP	
2½	15A-R250RJT-CIP	
3	15A-R300RJT-CIP	
4	15A-R400RJT-CIP	
6	15A-R600RJT-CIP	

BSM (RJT) Weld Liners

RJT-14



RJT-14 CIP Flat Face

Material:		• 316 stainless steel
Size (inch)	Part No.	
RJT-14		
1	14A-R100RJT	
1½	14A-R150RJT	
2	14A-R200RJT	
2½	14A-R250RJT	
3	14A-R300RJT	
4	14A-R400RJT	
6	14A-R600RJT	
RJT-14 CIP Flat Face		
1	14A-R100RJT-CIP	
1½	14A-R150RJT-CIP	
2	14A-R200RJT-CIP	
2½	14A-R250RJT-CIP	
3	14A-R300RJT-CIP	
4	14A-R400RJT-CIP	
6	14A-R600RJT-CIP	

Price Group: DS
AV02

BSM (RJT) O-Rings

Standard:	
• RJT (BSM) AS1528.2 - 2001 screwed couplings	
Size (inch)	Part No.
Buna - NBR	
1	40MP-U100RJT
1½	40MP-U150RJT
2	40MP-U200RJT
2½	40MP-U250RJT
3	40MP-U300RJT
4	40MP-U400RJT
EPDM	
1	40MP-E100RJT
1½	40MP-E150RJT
2	40MP-E200RJT
2½	40MP-E250RJT
3	40MP-E300RJT
4	40MP-E400RJT
6	40MP-E600RJT

Note: FKM also available.

Price Group: DS
AV02



Size (inch)	Part No.
Buna - NBR	
1	40MP-U100RJT-CIP
1½	40MP-U150RJT-CIP
2	40MP-U200RJT-CIP
2½	40MP-U250RJT-CIP
3	40MP-U300RJT-CIP
4	40MP-U400RJT-CIP
EPDM	
1	40MP-E100RJT-CIP
1½	40MP-E150RJT-CIP
2	40MP-E200RJT-CIP
2½	40MP-E250RJT-CIP
3	40MP-E300RJT-CIP
4	40MP-E400RJT-CIP
6	40MP-E600RJT-CIP

Price Group: DS
AV02



BSM (RJT) Single Sided Hex Wrenches 25H

Material:	
• Aluminium	
Size (inch)	Part No.
1	RJT-100SP
1½	RJT-150SP
2	RJT-200SP
2½	RJT-250SP
3	RJT-300SP
4	RJT-400SP
6	RJT-600SP



DIN Weld Male

Material:	• 316 stainless steel
Size	Part No.
DN15	15A-R50DIN
DN20	15A-R75DIN
DN25	15A-R100DIN
DN40	15A-R150DIN
DN50	15A-R200DIN
DN65	15A-R250DIN
DN80	15A-R300DIN
DN100	15A-R400DIN

Price Group: DS
AV10

DIN Weld Liners

Material:	• 316 stainless steel
Size	Part No.
DN15	14A-R50DIN
DN20	14A-R75DIN
DN25	14A-R100DIN
DN40	14A-R150DIN
DN50	14A-R200DIN
DN65	14A-R250DIN
DN80	14A-R300DIN
DN100	14A-R400DIN

Price Group: DS
AV10

DIN Round Nut 11851

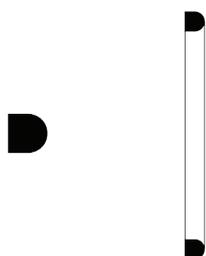
Material:	• 304 stainless steel
Standard:	• DIN 11851 / 11887, couplings and gaskets
Size	Part No.
DN15	13R-G50DIN
DN20	13R-G75DIN
DN25	13R-G100DIN
DN40	13R-G150DIN
DN50	13R-G200DIN
DN65	13R-G250DIN
DN80	13R-G300DIN
DN100	13R-G400DIN

Price Group: DS
AV10

DIN Blank Caps

Material:	• 316 stainless steel
Size	Part No.
DN25	16AMP-R100DIN
DN40	16AMP-R150DIN
DN50	16AMP-R200DIN
DN65	16AMP-R250DIN
DN80	16AMP-R300DIN
DN100	16AMP-R400DIN

Price Group: DS
AV10

Gaskets for DIN

Material:	• EPDM
Standard:	• DIN 11851 / 11887, couplings and gaskets
Size	Part No.
DN25	40MP-E100DIN
DN40	40MP-E150DIN
DN50	40MP-E200DIN
DN65	40MP-E250DIN
DN80	40MP-E300DIN
DN100	40MP-E400DIN

Price Group: DS
AV10

SMS Nut 6 Slots SMS-13R

Material:		• 304 stainless steel
Size (inch)	Part No.	
1	13R-G100SMS	
1½	13R-G150SMS	
2	13R-G200SMS	
2½	13R-G250SMS	
3	13R-G300SMS	
4	13R-G400SMS	

Price Group: DS
AV05



SMS Blank Caps

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	16AMP-R100SMS	
1½	16AMP-R150SMS	
2	16AMP-R200SMS	
2½	16AMP-R250SMS	
3	16AMP-R300SMS	
4	16AMP-R400SMS	

Price Group: DS
AV05



SMS Blank Nut 6 Slots with Chain

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	13RBN-R100SMS	
1½	13RBN-R150SMS	
2	13RBN-R200SMS	
2½	13RBN-R250SMS	
3	13RBN-R300SMS	
4	13RBN-R400SMS	

Price Group: DS
AV05



SMS Weld Male

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	15A-R100SMS	
1½	15A-R150SMS	
2	15A-R200SMS	
2½	15A-R250SMS	
3	15A-R300SMS	
4	15A-R400SMS	

Price Group: DS
AV05



SMS Long Weld Liners

Material:		• 316 stainless steel
Size (inch)	Part No.	
1	14A-R100SMS	
1½	14A-R150SMS	
2	14A-R200SMS	
2½	14A-R250SMS	
3	14A-R300SMS	
4	14A-R400SMS	

Price Group: DS
AV05



A

SMS Seal Rings L Type



Size (inch)	Part No.
EPDM	
1	40MP-E100SMS
1½	40MP-E150SMS
2	40MP-E200SMS
2½	40MP-E250SMS
3	40MP-E300SMS
4	40MP-E400SMS
Silicone	
1½	40MP-XW150SMS
2	40MP-XW150SMS
2½	40MP-XW250SMS

Price Group: DS
AV05

Wine Weld Male



Material:		• 316 stainless steel
Size (inch)	Part No.	
1	15A-R100WM	
1½	15A-R150WM	
2	15A-R200WM	
2½	15A-R250WM	
3	15A-R300WM	
4	15A-R400WM	

Price Group: DS
AV11

Wine Weld Liners



Material:		• 316 stainless steel
Size (inch)	Part No.	
1	14A-R100WL	
1½	14A-R150WL	
2	14A-R200WL	
2½	14A-R250WL	
3	14A-R300WL	
4	14A-R400WL	

Price Group: DS
AV11

Wine Weld Nuts - Brass

Size (inch)	Part No.
1	13W-B100WN
1½	13W-B150WN
2	13W-B200WN
2½	13W-B250WN
3	13W-B300WN
4	13W-B400WN

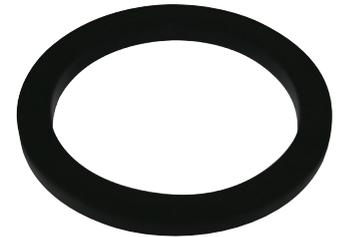


A

Price Group: DS
AV11

Wine Gasketss

Material:	• EPDM
Size (inch)	Part No.
1	40MP-E100W
1½	40MP-E150W
2	40MP-E200W
2½	40MP-E250W
3	40MP-E300W
4	40MP-E400W



Price Group: DS

AV11

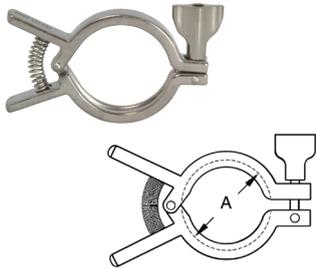
Sanitary Clamps

The  Sanitary Standard was created by the dairy industry as a voluntary benchmark for product performance and sanitary safety. The standard, developed by a group of processors, suppliers, regulatory officials, and sanitation specialists, is generally accepted by federal, state, and local regulatory authorities.

Dixon™ is proud to be a participant in the  program. Our products have earned the  symbol, which requires an annual assessment to make certain each product conforms in all respects to the published standard.

A

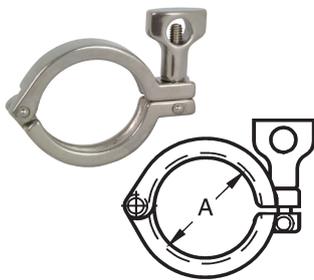
Single Pin Squeeze Clamps - 13MHHM-Q



Material:		• 304 stainless steel	
Tube OD (inch)	Service Pressure Rating (PSI) @ 21°C (70°F)	Dimensions (A)	Part No.
½ - ¾	1500	1.062	13MHHM-Q75
1 - 1½	500	2.122	13MHHM-Q100150
2	450	2.654	13MHHM-Q200
2½	400	3.185	13MHHM-Q250
3	350	3.717	13MHHM-Q300
4	300	4.820	13MHHM-Q400

Single Pin Heavy Duty Clamps - 13MHHM

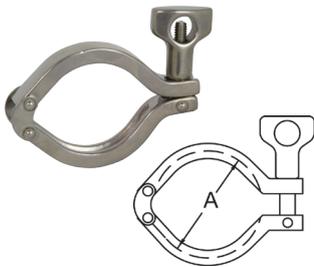
Price Group: DS
AV03



Material:		• 304 stainless steel	
Tube OD (inch)	Service Pressure Rating (PSI) @ 21°C (70°F)	Dimensions (A)	Part No.
½ - ¾	1500	1.062	13MHHM50-75
1 - 1½	500	2.122	13MHHM100150
2	450	2.654	13MHHM200
2½	400	3.185	13MHHM250
3	350	3.717	13MHHM300
4	300	4.820	13MHHM400
6	150	6.625	13MHHM600
8	100	8.695	13MHHM800

Double Pin Heavy Duty Clamps - 13MHHM-DP

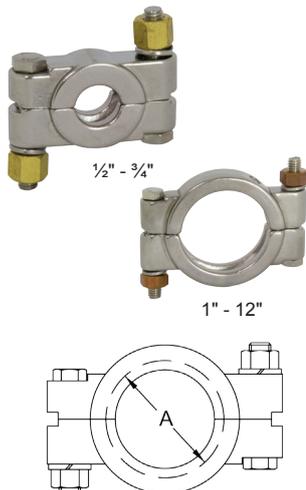
Price Group: DS
AV03



Material:		• 304 stainless steel	
Tube OD (inch)	Service Pressure Rating (PSI) @ 21°C (70°F)	Dimensions (A)	Part No.
1 - 1½	500	2.122	13MHHM-DP100150
2	450	2.654	13MHHM-DP200
2½	400	3.185	13MHHM-DP250
3	350	3.717	13MHHM-DP300
4	300	4.820	13MHHM-DP400
10	75	10.708	13MHHM-DP1000

Bolted Clamps - 13MHP

Price Group: DS
AV03



Material:		• Stainless steel		
Tube OD (inch)	Service Pressure Rating (PSI)		Dimensions (A)	Part No.
	21°C (70°F)	121°C (249°F)		
1 - 1½	1500	1200	2.046	13MHP100-150
2	1000	800	2.578	13MHP200
2½	1000	800	3.110	13MHP250
3	1000	800	3.640	13MHP300
4	800	600	4.744	13MHP400
6	300	200	6.632	13MHP600
8	250	150	8.638	13MHP800
10	200	125	10.740	13MHP1000
12	150	100	12.740	13MHP1200

Price Group: DS
AV03

Solid Ferrule Blank Disk End Caps - 16AMP

Material:		• 316 stainless steel
Size (inch)	Part No.	
½ - ¾	16AMP-R50-75	
1 - 1½	16AMP-R100-150	
2	16AMP-R200	
2½	16AMP-R250	
3	16AMP-R300	
4	16AMP-R400	
6	16AMP-R600	
8	16AMP-R800	
10	16AMP-R1000	
12	16AMP-R1200	

Price Group: DS
AV03



Short Welding Ferrules - 14WMP

Material:		• 316 stainless steel
Size (inch)	Part No.	
½	14WMP-R50	
¾	14WMP-R75	
1	14WMP-R100	
1½	14WMP-R150	
2	14WMP-R200	
2½	14WMP-R250	
3	14WMP-R300	
4	14WMP-R400	
6	14WMP-R600	
8	14WMP-R800	
10	14WMP-R1000	
12	14WMP-R1200	

Price Group: DS
AV03



Butt Welding Ferrules

Material:		• 316 stainless steel
Size (inch)	Part No.	
½	L14AM7-R50	
¾	L14AM7-R75	
1	L14AM7-R100	
1½	L14AM7-R150	
2	L14AM7-R200	
2½	L14AM7-R250	
3	L14AM7-R300	
4	L14AM7-R400	
6	L14AM7-R600	
8	L14AM7-R800	
10	L14AM7-R1000	
12	L14AM7-R1200	

Price Group: DS
AV03

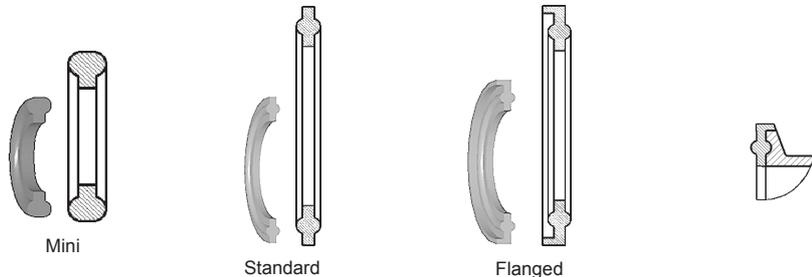


A

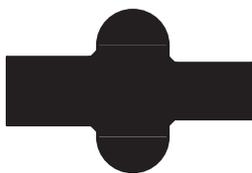
Gaskets for Clamp Style Sanitary Fittings

Feature:

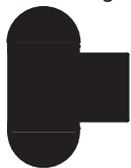
- Gasket material approved by  (3A) and USDA and complies with FDA's Code of Federal Register (CFR) title 21, Part 177. PSI Service Ratings for the sanitary clamps DO NOT APPLY to connections (1" and above) using any PTFE gaskets due to the potential for cold flow under normal operating conditions. PTFE gaskets when used with any clamp are likely to leak at pressures far below the published service ratings. This restriction does not apply to the fractionally sized 1/2" and 3/4" connections, due to their recessed, fully contained design.



Buna-N Gaskets Black



Type 1 - Standard
1" and larger

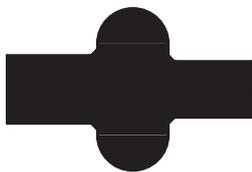


Type 1 - Standard
1/2" - 3/4"

Feature:		• Colour code: red dot
Standard:		• Meets 21CFR 177.2600
Temperature:		• 32°C to 107°C (89°F to 224°F)
Size (inch)	Part No.	
Mini		
1/2	42MP-U50	
3/4	42MP-U75	
Standard		
1	40MP-U100	
1 1/2	40MP-U150	
2	40MP-U200	
2 1/2	40MP-U250	
3	40MP-U300	
4	40MP-U400	

Price Group: DS AV03

EPDM Gaskets Black



Type 1 - Standard
1" and larger



Type 1 - Standard
1/2" - 3/4"

Features:		• Colour code: three green dots • Peroxide cured
Standards:		• Meets 21CFR 177.2600 • Passed USP Class VI Cytotoxicity testing
Temperature:		• -40°C to 135°C (-40°F to 275°F)
Size (inch)	Part No.	
Mini		
1/2	42MP-E50	
3/4	42MP-E75	
Standard		
1	40MP-E100	
1 1/2	40MP-E150	
2	40MP-E200	
2 1/2	40MP-E250	
3	40MP-E300	
4	40MP-E400	
6	40MP-E600	

Price Group: DS AV03

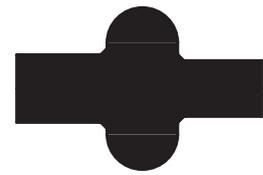
See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.



FKM Gaskets Black

Features:	<ul style="list-style-type: none"> • Colour code: one white dot, one yellow dot • Peroxide cured
Standard:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600, passed USP Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • 26°C to 191°C (78°F to 375°F)
Size (inch)	Part No.
Mini	
½	42MP-SFY50
¾	42MP-SFY75
Standard	
1	40MP-SFY100
1½	40MP-SFY150
2	40MP-SFY200
2½	40MP-SFY250
3	40MP-SFY300
4	40MP-SFY400
6	40MP-SFY600

Price Group: DS AV03



Type 1 - Standard
1" and larger

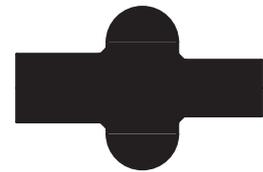


Type 1 - Standard
½" - ¾"

Silicone Gaskets Clear

Features:	<ul style="list-style-type: none"> • Colour code: no dot • Peroxide cured
Standard:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600, passed USP Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • 45°C to 204°C (113°F to 399°F)
Size (inch)	Part No.
Mini	
½	42MP-XC50
¾	42MP-XC75
Standard	
1	40MP-XC100
1½	40MP-XC150
2	40MP-XC200
2½	40MP-XC250
3	40MP-XC300
4	40MP-XC400

Price Group: DS AV03



Type 1 - Standard
1" and larger

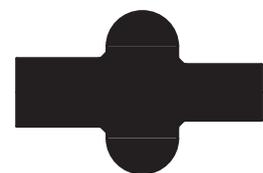


Type 1 - Standard
½" - ¾"

PTFE Gaskets White

Application:	<ul style="list-style-type: none"> • Not recommended for use with bolted clamps
Feature:	<ul style="list-style-type: none"> • Colour code: no dot
Standard:	<ul style="list-style-type: none"> • Meets 21CFR 177.1550, passed USP Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • 23°C to 149°C (73°F to 300°F)
Size (inch)	Part No.
Mini	
½	42MP-G50
¾	42MP-G75
Standard	
1	40MP-G100
1½	40MP-G150
2	40MP-G200
2½	40MP-G250
3	40MP-G300
4	40MP-G400

Price Group: DS AV03



Type 1 - Standard
1" and larger

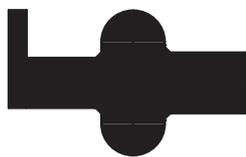


Type 1 - Standard
½" - ¾"

! PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration, and they will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

A

EPDM Flanged Gaskets Black

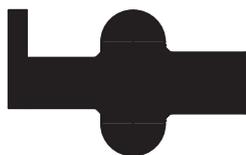


Type 2 - Flanged
1" and larger

Application:	<ul style="list-style-type: none"> Not recommended for use with bolted clamps
Features:	<ul style="list-style-type: none"> Colour code: three green dots Peroxide cured
Standards:	<ul style="list-style-type: none"> Meets 21CFR 177.2600 Passed USP Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> -40°C to 135°C (-40°F to 275°F)
Size (inch)	Part No.
1	40MPF-E100
1½	40MPF-E150
2	40MPF-E200
2½	40MPF-E250
3	40MPF-E300
4	40MPF-E400
6	40MPF-E600
8	40MPF-E800
10	40MPF-E1000
12	40MPF-E1200

Price Group: DS
AV03

FKM Flanged Gaskets Black



Type 2 - Flanged
1" and larger

Application:	<ul style="list-style-type: none"> Not recommended for use with bolted clamps
Features:	<ul style="list-style-type: none"> Colour code: one white dot, one yellow dot Peroxide cured
Standards:	<ul style="list-style-type: none"> Meets 21CFR 177.2600 Passed USP Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> 26°C to 191°C (78°F to 375°F)
Size (inch)	Part No.
1	40MPF-SFY100
1½	40MPF-SFY150
2	40MPF-SFY200
2½	40MPF-SFY250
3	40MPF-SFY300
4	40MPF-SFY400
6	40MPF-SFY600
8	40MPF-SFY800
10	40MPF-SFY1000
12	40MPF-SFY1200

Price Group: DS
AV03

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.



Metal Detectable Clamp Gaskets

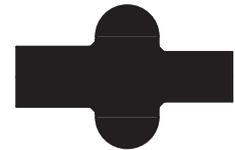
Feature:

- Metal detectable gaskets are impregnated with stainless steel particles. The addition of stainless steel allows a gasket or gasket pieces to be found with metal detection equipment.

Buna-N - Metal Detectable Clamp Gaskets

Feature:	• Good general use where temperature extremes do not exist
Standards:	• Minimum temperature -29°C (-20°F) • Maximum temperature 100°C (212°F)
Temperature:	• -34°C to 93°C (-29°F to 199°F)
Size (inch)	Part Number
1	40MP-UZ100
1½	40MP-UZ150
2	40MP-UZ200
2½	40MP-UZ250
3	40MP-UZ300
4	40MP-UZ400

Price Group: DS
AV03



Type 1 - Standard
1" and larger

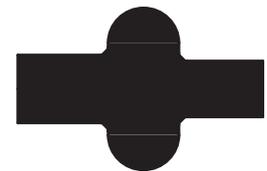


Type 1 - Standard
½" - ¾"

EPDM - Metal Detectable Clamp Gaskets

Feature:	• Resistant to steam, water, and base solutions
Standards:	• Minimum temperature -57°C (-70°F) • Maximum temperature 154°C (310°F)
Temperature:	• -29°C to 149°C (-20°F to 300°F)
Size (inch)	Part Number
1	40MP-EZ100
1½	40MP-EZ150
2	40MP-EZ200
2½	40MP-EZ250
3	40MP-EZ300
4	40MP-EZ400

Price Group: DS
AV03



Type 1 - Standard
1" and larger

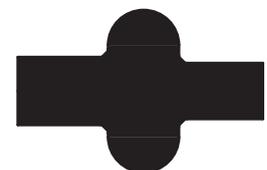


Type 1 - Standard
½" - ¾"

FKM - Metal Detectable Clamp Gaskets

Feature:	• Resistant to steam, heat, and high acidic solutions
Standards:	• Minimum temperature -29°C (-20°F) • Maximum temperature 210°C (410°F)
Temperature:	• -29°C to 210°C (-20°F to 410°F)
Size (inch)	Part Number
1	40MP-SFYZ100
1½	40MP-SFYZ150
2	40MP-SFYZ200
2½	40MP-SFYZ250
3	40MP-SFYZ300
4	40MP-SFYZ400

Price Group: DS
AV03



Type 1 - Standard
1" and larger

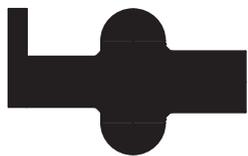


Type 1 - Standard
½" - ¾"

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.

A

Buna-N - Flanged Clamp Gaskets - Black

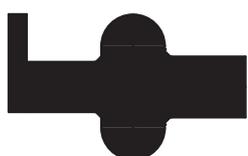


Type 2 - Flanged
1" and larger

Features:	<ul style="list-style-type: none"> • Colour code: red dot • Not recommended for use with bolted clamps
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600 • Passed U.S.P.
Temperature:	<ul style="list-style-type: none"> • -32°C to 107°C (-25°F to 224°F)
Size (inch)	Part Number
1	40MPF-U100
1½	40MPF-U150
2	40MPF-U200
2½	40MPF-U250
3	40MPF-U300
4	40MPF-U400
6	40MPF-U600
8	40MPF-U800
10	40MPF-U1000
12	40MPF-U1200

Price Group: DS
AV03

Buna-N - Flanged Clamp Gaskets - White

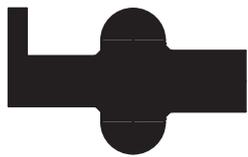


Type 2 - Flanged
1" and larger

Features:	<ul style="list-style-type: none"> • Colour code: red dot • Not recommended for use with bolted clamps
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600 • Passed U.S.P.
Temperature:	<ul style="list-style-type: none"> • -32°C to 107°C (-25°F to 224°F)
Size (inch)	Part Number
1	40MPF-UW100
1½	40MPF-UW150
2	40MPF-UW200
2½	40MPF-UW250
3	40MPF-UW300
4	40MPF-UW400
6	40MPF-UW600
8	40MPF-UW800

Price Group: DS
AV03

EPDM - Flanged Clamp Gaskets - Black



Type 2 - Flanged
1" and larger

Features:	<ul style="list-style-type: none"> • Colour code: three green dots • Peroxide cured • Not recommended for use with bolted clamps
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600 • Passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -40°C to 135°C (-40°F to 275°F)
Size (inch)	Part Number
1	40MPF-E100
1½	40MPF-E150
2	40MPF-E200
2½	40MPF-E250
3	40MPF-E300
4	40MPF-E400
6	40MPF-E600
8	40MPF-E800
10	40MPF-E1000
12	40MPF-E1200

Price Group: DS
AV03

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.



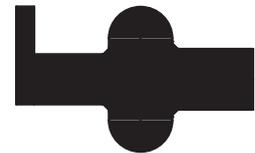


FKM - Flanged Clamp Gaskets - Black

Features:	<ul style="list-style-type: none"> • Colour code: one white dot, one yellow dot • Peroxide cured • Not recommended for use with bolted clamps
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600 • Passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -26°C to 191°C (-14°F to 375°F)

Size (inch)	Part Number
1	40MPF-SFY100
1½	40MPF-SFY150
2	40MPF-SFY200
2½	40MPF-SFY250
3	40MPF-SFY300
4	40MPF-SFY400
6	40MPF-SFY600
8	40MPF-SFY800
10	40MPF-SFY1000
12	40MPF-SFY1200

Price Group: DS
AV03



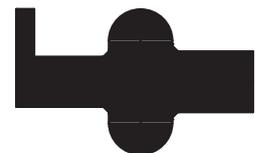
Type 2 - Flanged
1" and larger

Silicone - Flanged Clamp Gaskets - White

Features:	<ul style="list-style-type: none"> • Colour code: pink dot • Peroxide cured • Not recommended for use with bolted clamps
Standard:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600. Passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -45°C to 204°C (-49°F to 399°F)

Size (inch)	Part Number
1	40MPF-XW100
1½	40MPF-XW150
2	40MPF-XW200
2½	40MPF-XW250
3	40MPF-XW300
4	40MPF-XW400
6	40MPF-XW600
8	40MPF-XW800
10	40MPF-XW1000
12	40MPF-XW1200

Price Group: DS
AV03



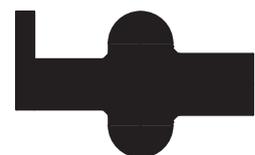
Type 2 - Flanged
1" and larger

Silicone - Flanged Clamp Gaskets - Clear

Features:	<ul style="list-style-type: none"> • Colour code: no dot • Peroxide cured • Not recommended for use with bolted clamps
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.2600 • Passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -45°C to 204°C (-49°F to 399°F)

Size (inch)	Part Number
1	40MPF-XC100
1½	40MPF-XC150
2	40MPF-XC200
2½	40MPF-XC250
3	40MPF-XC300
4	40MPF-XC400
6	40MPF-XC600
8	40MPF-XC800

Price Group: DS
AV03

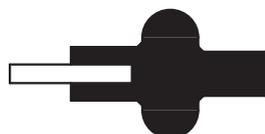


Type 2 - Flanged
1" and larger

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.



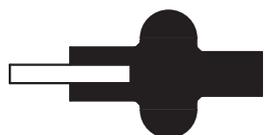
A

Buna-N - Mesh Screen Clamp Gaskets, 316

Type 3 - Mesh

Feature:	<ul style="list-style-type: none"> Color code: red dot
Materials:	<ul style="list-style-type: none"> 10 mesh standard Other mesh available. Contact Dixon™
Standard:	<ul style="list-style-type: none"> Meets 21CFR 177.2600
Temperature:	<ul style="list-style-type: none"> -32°C to 107°C (-25°F to 224°F)
Size (inch)	Part Number
1	40MPS-U100
1½	40MPS-U150
2	40MPS-U200
2½	40MPS-U250
3	40MPS-U300
4	40MPS-U400

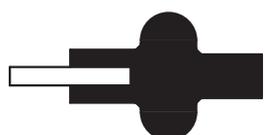
Price Group: DS
AV03

EPDM - Mesh Screen Clamp Gaskets, 316

Type 3 - Mesh

Features:	<ul style="list-style-type: none"> 10 mesh standard Other mesh available. Contact Dixon™
Materials:	<ul style="list-style-type: none"> Color code: three green dots. Peroxide cured
Standard:	<ul style="list-style-type: none"> Meets 21CFR 177.2600
Temperature:	<ul style="list-style-type: none"> -40°C to 135°C (-40°F to 275°F)
Size (inch)	Part Number
1	40MPS-E100
1½	40MPS-E150
2	40MPS-E200
2½	40MPS-E250
3	40MPS-E300
4	40MPS-E400

Price Group: DS
AV03

FKM - Mesh Screen Clamp Gaskets, 316

Type 3 - Mesh

Features:	<ul style="list-style-type: none"> 10 mesh standard Other mesh available. Contact Dixon™
Materials:	<ul style="list-style-type: none"> Color code: one white dot, one yellow dot Peroxide cured
Standard:	<ul style="list-style-type: none"> Meets 21CFR 177.2600
Temperature:	<ul style="list-style-type: none"> -26°C to 191°C (14°F to 375°F)
Size (inch)	Part Number
1	40MPS-SFY100
1½	40MPS-SFY150
2	40MPS-SFY200
2½	40MPS-SFY250
3	40MPS-SFY300
4	40MPS-SFY400

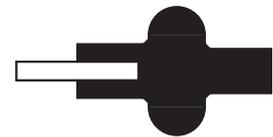
Price Group: DS
AV03

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.

Buna-N Perforated Clamp Gaskets - .033" holes

Feature:	• Color code: red dot
Material:	• Perforated metal disc: 316 stainless steel sheet
Standard:	• Meets 21CFR 177.2600
Temperature:	• -32°C to 107°C (-25°F to 224°F)
Size (inch)	Part Number
1	40MP-UP100
1½	40MP-UP150
2	40MP-UP200
2½	40MP-UP250
3	40MP-UP300
4	40MP-UP400

Price Group: DS
AV03

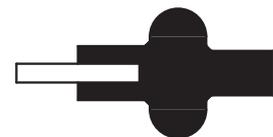


Type 3 - Perforated

Buna-N Orifice Clamp Gaskets - Black, .125" hole

Feature:	• Color code: red dot, other hole sizes available, Contact Dixon™
Material:	• 316 stainless steel sheet
Standard:	• Meets 21CFR 177.2600
Temperature:	• -32°C to 107°C (-25°F to 224°F)
Size (inch)	Part Number
1	A80MP-U100
1½	A80MP-U150
2	A80MP-U200
2½	A80MP-U250
3	A80MP-U300
4	A80MP-U400

Price Group: DS
AV03

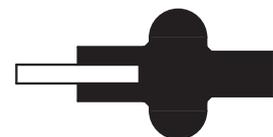


Type 3

FKM Orifice Clamp Gaskets - .125" hole

Features:	• Color code: one white dot, one yellow dot • Peroxide cured • Other hole sizes available, Contact Dixon™
Material:	• 316 stainless steel sheet
Standard:	• Meets 21CFR 177.2600
Temperature:	• -26°C to 191°C (14°F to 375°F)
Size (inch)	Part Number
1	A80MP-SFY100
1½	A80MP-SFY150
2	A80MP-SFY200
2½	A80MP-SFY250
3	A80MP-SFY300
4	A80MP-SFY400

Price Group: DS
AV03



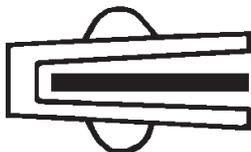
Type 3

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.



PTFE Envelope Clamp Gaskets with EPDM Filler

A

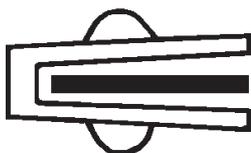


PTFE Envelope

Features:	<ul style="list-style-type: none"> • Colour code: usually not marked • Peroxide cured EPDM
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.1550 • Passed PTFE passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -40°C to 135°C (-40°F to 275°F)
Size (inch)	Part Number
½	42MP-GRE50
¾	42MP-GRE75
1	40MP-GRE100
1½	40MP-GRE150
2	40MP-GRE200
2½	40MP-GRE250
3	40MP-GRE300
4	40MP-GRE400
6	40MP-GRE600

Price Group: DS
AV03

PTFE Envelope Clamp Gaskets with FKM Filler



PTFE Envelope

Features:	<ul style="list-style-type: none"> • Colour code: usually not marked • Peroxide cured FKM
Standards:	<ul style="list-style-type: none"> • Meets 21CFR 177.1550 • Passed PTFE passed U.S.P. Class VI Cytotoxicity testing
Temperature:	<ul style="list-style-type: none"> • -26°C to 191°C (14°F to 375°F)
Size (inch)	Part Number
½	42MP-GR50
¾	42MP-GR75
1	40MP-GR100
1½	40MP-GR150
2	40MP-GR200
2½	40MP-GR250
3	40MP-GR300
4	40MP-GR400
6	40MP-GR600
8	40MP-GR800

Price Group: DS
AV03

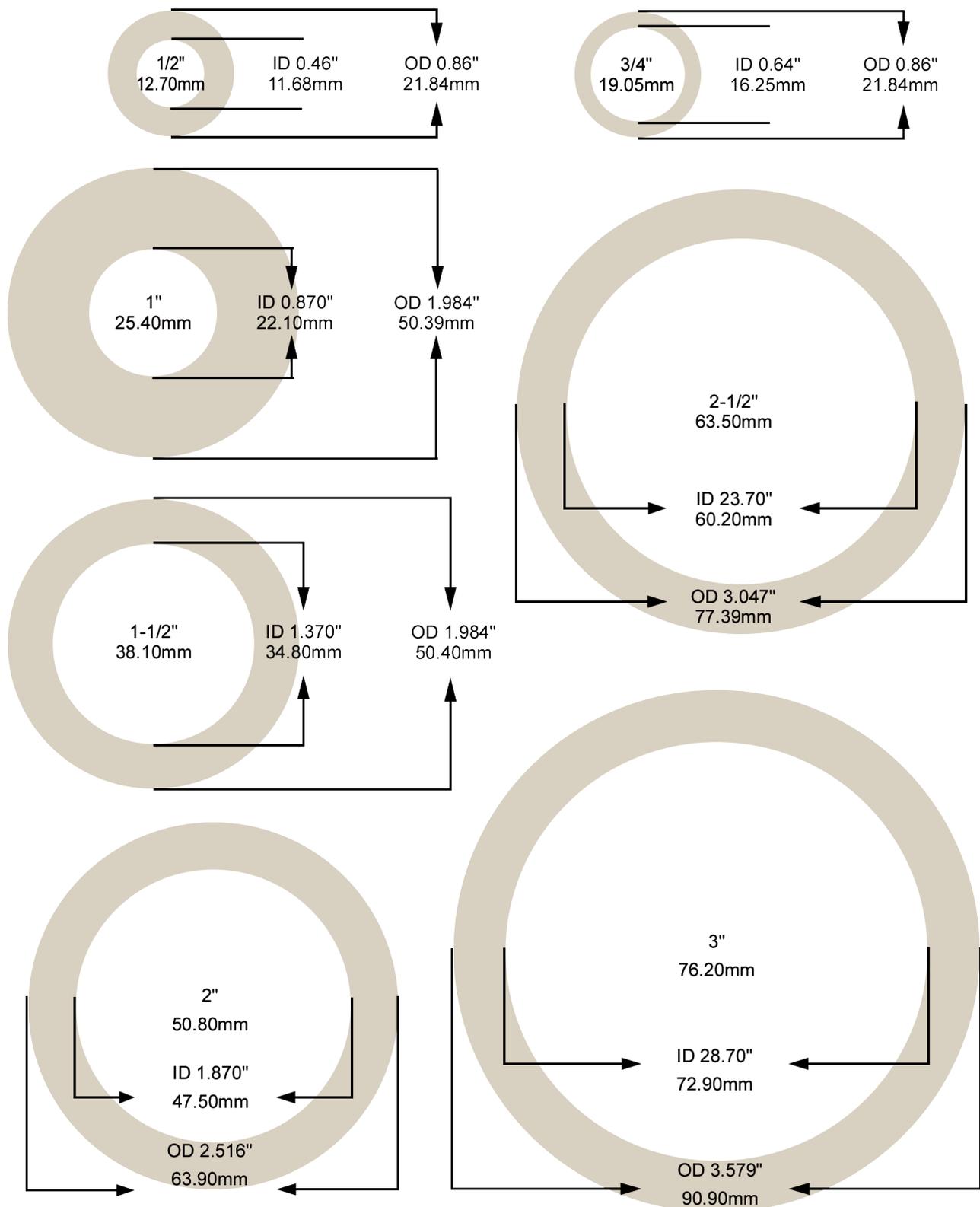


PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration, and they will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

See pages 23-24 and 117-118 for sizing charts. Refer to pages 133-135 for compatibility information.

Clamp Fittings and Gasket Sizing Guide

A



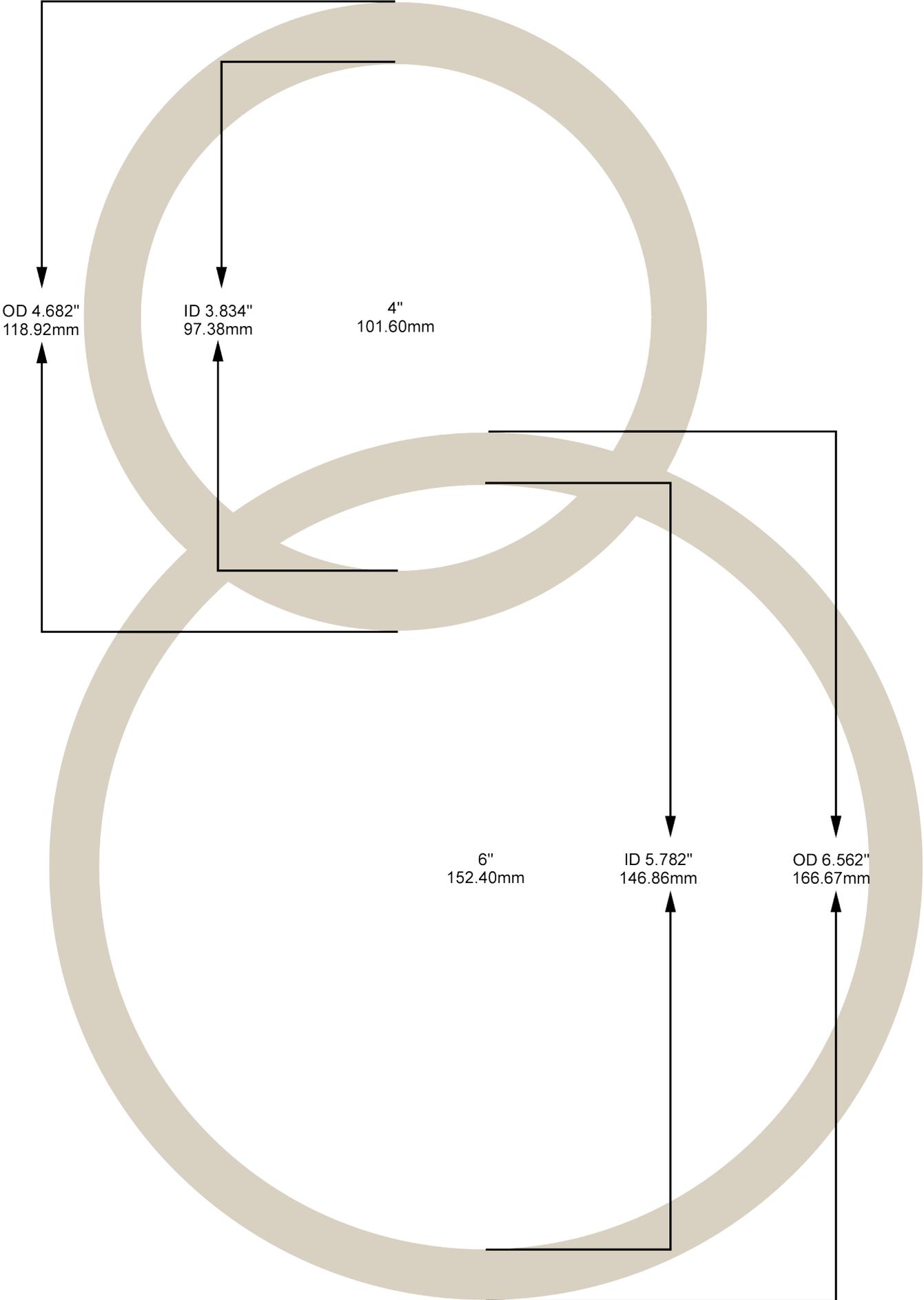
Sanitary Size (inch)	Tube Size (inch)	Tube Size (mm)	Tube OD (inch)	Tube OD (mm)
1/2	0.992	25.19	0.370	9.40
3/4	0.992	25.19	0.620	15.74
1	1.984	50.39	0.870	22.10
1 1/2	1.984	50.35	1.370	34.80
2	2.516	63.90	1.870	47.50
2 1/2	3.047	77.39	2.370	60.20

Sanitary Size (inch)	Tube Size (inch)	Tube Size (mm)	Tube OD (inch)	Tube OD (mm)
3	3.579	90.90	2.870	72.90
4	4.682	118.92	3.834	97.38
6	6.562	166.67	5.782	146.86
8	8.602	218.49	7.782	197.66
10	10.570	268.48	9.782	248.46
12	12.570	319.28	11.760	298.70



A

Clamp Fittings and Gasket Sizing Guide





90° Polished Butt Weld Elbows With Tangents - B2S

Material:	• Polished 316L stainless steel	
Standard:	• Manufactured to AS1528.3	
Size (inch)	316L Stainless Steel Part No.	304 Stainless Steel Part No.
½	B2S-R50P	B2S-G50P
¾	B2S-R75P	B2S-G75P
1	B2S-R100P	B2S-G100P
1½	B2S-R150P	B2S-G150P
2	B2S-R200P	B2S-G200P
2½	B2S-R250P	B2S-G250P
3	B2S-R300P	B2S-G300P
4	B2S-R400P	B2S-G400P
6	---	B2S-G600P



Price Group: DS

90° Polished Butt Weld Elbows Less Tangents - B2WCL

AV08

Material:	• Polished 316L stainless steel	
Standard:	• Manufactured to AS1528.3	
Size (inch)	Part No.	
1	B2WCL-R100P	
1½	B2WCL-R150P	
2	B2WCL-R200P	
2½	B2WCL-R250P	
3	B2WCL-R300P	
4	B2WCL-R400P	
6	B2WCL-R600P	



Price Group: DS

45° Polished Butt Weld Elbows With Tangents - B2KS

AV08

Material:	• Polished 316L stainless steel	
Standard:	• Manufactured to AS1528.3	
Size (inch)	Part No.	
1	B2KS-R100P	
1½	B2KS-R150P	
2	B2KS-R200P	
2½	B2KS-R250P	
3	B2KS-R300P	
4	B2KS-R400P	



Price Group: DS

45° Polished Butt Weld Elbows Less Tangents - B2WK

AV08

Material:	• Polished 316L stainless steel	
Standard:	• Manufactured to AS1528.3	
Size (inch)	Part No.	
1	B2WK-R100P	
1½	B2WK-R150P	
2	B2WK-R200P	
2½	B2WK-R250P	
3	B2WK-R300P	
4	B2WK-R400P	



Price Group: DS
AV08



Polished Reducers - Butt Weld Concentric Reducer - B31W

A



Material:	• Polished 316L stainless steel
Standard:	• Manufactured to AS1528.3
Size (inch)	Part No.
¾ x ½	B31W-R075050P
1 x ½	B31W-R10050P
1 x ¾	B31W-R10075P
1½ x 1	B31W-R150100P
2 x 1	B31W-R200100P
2 x 1½	B31W-R200150P
2½ x 1½	B31W-R250150P
2½ x 2	B31W-R250200P
3 x 1½	B31W-R300150P
3 x 2	B31W-R300200P
3 x 2½	B31W-R300250P
4 x 2	B31W-R400200P
4 x 2½	B31W-R400250P
4 x 3	B31W-R400300P

Price Group: DS
AV08**Polished Reducers - Butt Weld Eccentric Reducer - B32W**

Material:	• Polished 316L stainless steel
Size (inch)	Part No.
1½ x 1	B32W-R150100P
2 x 1	B32W-R200100P
2 x 1½	B32W-R200150P
2½ x 1½	B32W-R250150P
2½ x 2	B32W-R250200P
3 x 1½	B32W-R300150P
3 x 2	B32W-R300200P
3 x 2½	B32W-R300250P
4 x 2	B32W-R400200P
4 x 2½	B32W-R400250P
4 x 3	B32W-R400300P

Price Group: DS
AV08**45° Clamp Elbows - B2KMP**

Material:	• 316L stainless steel
Size (inch)	Part No.
1	B2KMP-R100
1½	B2KMP-R150
2	B2KMP-R200
2½	B2KMP-R250
3	B2KMP-R300
4	B2KMP-R400
6	B2KMP-R600

Price Group: DS
AV08**90° Clamp Elbows - B2CMP**

Material:	• 316L stainless steel
Size (inch)	Part No.
1	B2CMP-R100
1½	B2CMP-R150
2	B2CMP-R200
2½	B2CMP-R250
3	B2CMP-R300
4	B2CMP-R400
6	B2CMP-R600

Price Group: DS
AV08

Clamp Tees - B7MP

Material:		• 316L stainless steel
Size (inch)	Part No.	
1	B7MP-R100	
1½	B7MP-R150	
2	B7MP-R200	
2½	B7MP-R250	
3	B7MP-R300	
4	B7MP-R400	

Price Group: DS
AV08



Clamp Concentric Reducers - B3114MP

Material:		• 316L stainless steel
Size (inch)	Part No.	
1½ x 1	B3114MP-R150100	
2 x 1	B3114MP-R200100	
2 x 1½	B3114MP-R200150	
2½ x 2	B3114MP-R250200	
3 x 1½	B3114MP-R300150	
3 x 2	B3114MP-R300200	
3 x 2½	B3114MP-R300250	
4 x 2	B3114MP-R400200	
4 x 2½	B3114MP-R400250	
4 x 3	B3114MP-R400300	

Price Group: DS
AV08



Polished Tees - Butt Weld / Long Tee - B7W

Material:		• Polished 316L stainless steel
Standard:		• Manufactured to AS1528.3
Size (inch)	Part No.	
½	B7W-R50P	
1	B7W-R100P	
1½	B7W-R150P	
2	B7W-R200P	
2½	B7W-R250P	
3	B7W-R300P	
4	B7W-R400P	

Price Group: DS
AV08



BSP Tube Adaptors

A



Material:	• 316L stainless steel
Standard:	• Manufactured to AS1528.3
Size (inch)	Part No.
½	B19WB-R50A
¾	B19WB-R75A
1	B19WB-R100A
1½	B19WB-R150A
2	B19WB-R200A
2½	B19WB-R250A
3	B19WB-R300A
4	B19WB-R400A

Price Group: DS
AV08

Butt Weld to Tube End - Adaptors

Feature:	• Designed to be butt welded to standard sanitary tubing
Material:	• 316 stainless steel
Size (inch)	Part No.
1	RE100BT
1 ½	RE150BT
2	RE200BT
3	RE300BT

Price Group: SD
AL10

Butt Weld to Tube End - Boss-Lock™ Couplers

Feature:	• Designed to be butt welded to standard sanitary tubing
Material:	• 316 stainless steel
Size (inch)	Part No.
1	RC100BT
1 ½	RC150BT
2	RC200BT
3	RC300BT

Price Group: SD
AL10

Sanitary Breakaway Couplings

Application:	• Minimizes spillage and damage associated with pull-away and drive-away incidents
Features:	• Designed to be installed between a fixed point and a hose • 24kN break load bolts standard, other break loads available • Coupling breaks away with an excessive load
Materials:	• Coupling: 316 stainless steel polished to standard <0.8Ra µm, 3A finish • Clamp gasket: White EPDM standard, optional material available
Size (inch)	316 Stainless Steel
	Part No.
2	SBC-200BBE-13
2½	SBC-250BBE-24
3	SBC-300BBE-24
4	SBC-400BBE-24

Price Group: DS
AV02

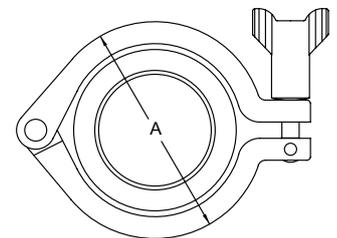
Swivels

Materials:	<ul style="list-style-type: none"> • 316L stainless steel, silicone, PTFE • Elastomers: silicone and PTFE • Sanitary finish ID and OD 	
Options:	<ul style="list-style-type: none"> • Available in clamp and weld configurations • Optional elastomers available 	
Tube OD Size (inch)	PSI at 21°C (70°F)	PSI at 121°C (249°F)
1	500	300
1½	500	300
2	450	250
2½	400	200
3	350	175
4	300	150

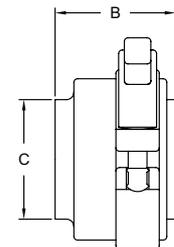


Straight Swivels - SJSS

Size (inch)	Straight Clamp Dimensions - Style 20			Part No.
	A	B	C	
1	65	50.8	25.4	SJSS100BB-20
1½	65	50.8	38.1	SJSS150BB-20
2	78.49	50.8	50.8	SJSS200BB-20
2½	87.34	50.8	63.5	SJSS250BB-20
3	100.08	50.8	76.2	SJSS300BB-20
4	129.03	74.68	101.6	SJSS400BB-20

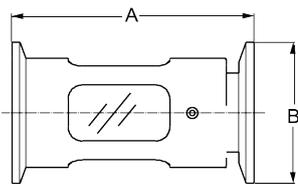


Price Group: DS
AV13



Compact Sight Glasses

A



Applications:	<ul style="list-style-type: none"> Used widely in the food, dairy, and beverage sanitary processes to view products and fluids. This design is perfect for hoses.
Features:	<ul style="list-style-type: none"> Easier to clean than bolted styles Less cost to repair than bolted styles Clamp connections standard Sizes available: 1", 1½", 2", 3" Maximum temperature: 95°C (203°F) Maximum pressure: 6.9 bar
Materials:	<ul style="list-style-type: none"> Body: 316L stainless steel Sight glass: borosilicate glass Gasket: buna

Tube OD (inch)	Dimensions (mm)		Part No.
	A	B	
1	85.73	50.30	B54BMPS-R100
1½	92.46	50.30	B54BMPS-R150
2	97.28	64.00	B54BMPS-R200
3	104.90	96.52	B54BMPS-R300
4	110.24	118.87	B54BMPS-R400

Size (inch)	Seal Kit Part No.	Replacement Glass Part No.
1½	B54BMPS-SK100	B54BMPS-GL100
1½	B54BMPS-SK150	B54BMPS-GL150
2	B54BMPS-SK200	B54BMPS-GL200
3	B54BMPS-SK300	B54BMPS-GL300
4	B54BMPS-SK400	B54BMPS-GL400

Price Group: DS
AV09

Weld / Weld Sight Glasses



Materials:	<ul style="list-style-type: none"> 316 stainless steel sight glass with EPDM Seal, and weld/weld connections Glass: borosilicate Buna and FKM seal also available
Max Working Pressure:	<ul style="list-style-type: none"> 150 PSI/10 bar
Standard:	<ul style="list-style-type: none"> 3A, BS, and SMS (please specify when ordering)

Size (inch)	Part No.
1	B54EBB-R100
1½	B54EBB-R150
2	B54EBB-R200
2½	B54EBB-R250
4	B54EBB-R400

Size (inch)	Replacement Glass Part No.
1	B54G-P100
1½	B54G-P150
2	B54G-P200
2½	B54G-P250
3	B54G-P300
4	B54G-P400

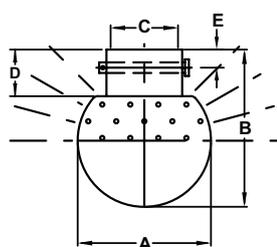
Alternative ends are available on request.

Price Group: DS
AV09

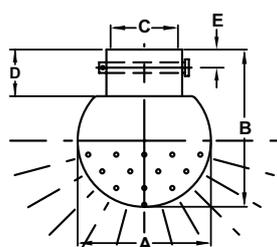
Sight Glass Lens Dimensions			
Size (inch)	OD (+/- 1.5 mm)	ID (+/- 1.5 mm)	Length (+/- 1.5 mm)
1	31	22	63.5
1½	44	35	63.5
2	58	48	63.5
2½	71	59	71
3	88	72	100
4	116	97	100

Spray Balls

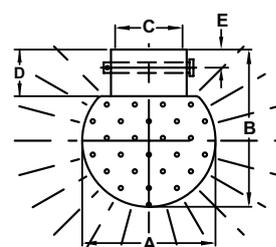
Application:	<ul style="list-style-type: none"> • Typical use is in food and beverage industries for cleaning storage tanks
Features:	<ul style="list-style-type: none"> • Heavy stainless steel construction provides longer life. Various spray patterns available (blanks available as special order) • Stationary - designed to be mounted to a tube or pipe • 2mm spray holes
Material:	<ul style="list-style-type: none"> • 316L stainless steel



180° Top Pattern



180° Bottom Pattern

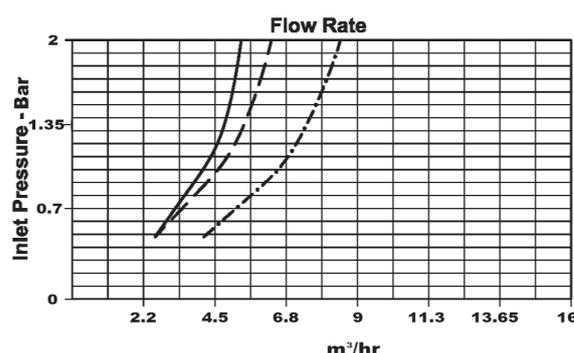
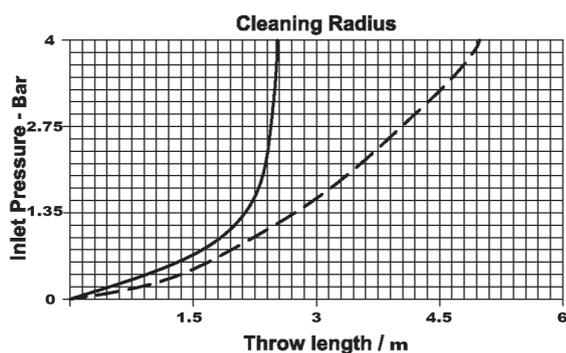


360° Pattern

Stationary Spray Balls - STC									
Size (inch)	Pin Length (inch)	Spray Pattern	Dimensions (mm)					Pin Size (mm)	Part No.
			A	B	C	D	E		
1	1.47	360°	90	75	25	25	11	5.7	STC-360-R100
1½	1.95	360°	90	75	38	25	11	5.7	STC-360-R150
1	1.47	180° bottom	90	75	25	25	11	5.7	STC-180B-R100
1½	1.95	180° bottom	90	75	38	25	11	5.7	STC-180B-R150
1	1.47	180° top	90	75	25	25	11	5.7	STC-180T-R100
1½	1.95	180° top	90	75	38	25	11	5.7	STC-180T-R150

Price Group: DS

AV08



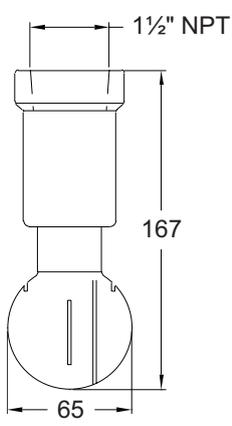
A

Spray Balls - Rotating

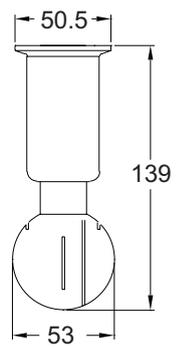


Application:	<ul style="list-style-type: none"> • Ideal for cleaning all types of tanks and vessels 	
Features:	<ul style="list-style-type: none"> • Stainless steel ball bearings eliminate rust • Cleaning solution lubricates unit • Mirror-like finish (OD) • Spray pattern: 360° • Available connections: clamp and NPT 	
Material:	<ul style="list-style-type: none"> • 316L stainless steel 	
Size (inch)	Type	Part No.
1½	NPT	SRH360NPT-R150
1½	clamp	SRH360CMP-R150

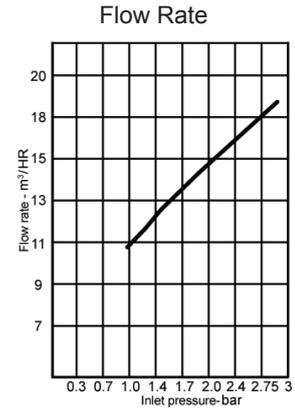
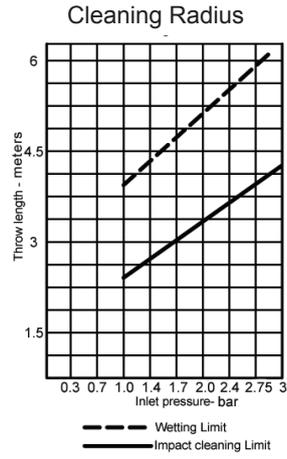
Price Group: DS
AV13



SRH360NPT-R150



SRH360CMP-R150



Hygienic Valves & Pumps	33-64
B5101 Series Butterfly Valve Selection	34-36
Trigger Handle	34
SS Vertical Actuator	34
Pull Handle	35
SS Vertical Spring Return Actuation	36
HSC Series Spring Check Valves	37
Ball Valves (Encapsulated)	38
BV3/4 Series Multi-port Ball Valves	38-40
Air and Vacuum Relief Tank Vent Valves	41
TVS Series Air and Vacuum Relief Tank Vent Valve	42
Reiger Aseptic Type Valves	43
SV Series Aseptic Type Valves	43
SV Series Single Seat Hygienic Valves	44
SSV Series Single Seat Valves	45-46
Rieger	50-55
Mix Proof Valves	47
Control Valves	28
Aseptic Version Valves	28
BioCheck Sampling Valves	51
Safety Valves	51
SPR Series Pressure Relief Valves	52
SOV Series Manual and Pneumatic Overflow Valves	52
Positioners for Angle Control Valves	54
BARV Series Air Relief Valves	55
B45 Air Blow Check Valves	56
W Series Sample Valves - BSVW	57
BSP Lockable Sample Tap	57
RZL Series Rotary Lobe Pumps	58
JZW Series Heli-Lobe Wine Pumps	59-60
RZP Series Circumferential Piston Pumps	61
ExD Series Sanitary Centrifugal Pumps	61
JCP Series Centrifugal Pumps	62
BC Series Centrifugal Pumps	62
JWP Series (Water for injection)	63
JEPS Series Self Priming Centrifugal Pumps	63
JSB Series Shear Blenders	64



B5101 Series - Butterfly Valves



- Features:**
- 100% hydraulic tested / 100% inspected
 - All wetted surfaces are sanitary finished to 32R_a
 - Field serviceable (no special tools required)
 - Seat materials available include: silicone, EPDM, FKM (6" EPDM and silicone, 8" EPDM only)
 - Vacuum rating: 0.4 inches Hg at 20°C (68°F)
 - Operating temperature range: -9°C to 93°C (15°F to 199°F)

Size (inch)	Break Torque (in./lbs.) Silicone	Break Torque (in./lbs.) EPDM	Break Torque (in./lbs.) FKM	Pressure Rating (bar/kPa)	Flow Coefficient (CV)	Weight W/Standard Handle (kg)
1/2	20	75	70	9.65/965	7	1.00
3/4	20	75	70	9.65/965	11	1.00
1	20	75	70	9.65/965	23	1.00
1 1/2	40	130	125	9.65/965	80	1.30
2	55	165	175	9.65/965	230	1.59
2 1/2	70	210	220	7.58/758	264	1.68
3	165	350	310	7.58/758	372	2.00
4	350	540	450	5.86/586	800	4.09
6	700	1550	n/a	4.13/413	1200	8.41
8	n/a	1650	n/a	4.13/413	2800	6.18

Information supplied based on water media @ 20°C (68°F)

B5101 Series - Trigger Handle Butterfly Valves



- Options:**
- Silicone and FKM seals also available
 - Hygienic Valves up to 8" available on request
 - Lever, trigger handles available
 - Contact Dixon™ for 304 or 316L
- End Options:**
- RJT, DIN, SMS, IDF
- Standard:**
- Tri-Clamp, BS, SMS (Please specify when ordering), and CF8M

Size (inch)	Part No.
B5101 Series Valve - EPDM Seal Weld End 316L	
1/2	B5101E050BB-C
3/4	B5101E075BB-C
1	B5101E100BB-C
1 1/2	B5101E150BB-C
2	B5101E200BB-C
2 1/2	B5101E250BB-C
3	B5101E300BB-C
4	B5101E400BB-C
B5101 Series Valve - EPDM Seal Triclover End 316L	
1/2	B5101E050CC-C
3/4	B5101E075CC-C
1	B5101E100CC-C
1 1/2	B5101E150CC-C
2	B5101E200CC-C
2 1/2	B5101E250CC-C
3	B5101E300CC-C
4	B5101E400CC-C

Price Group: DS
VF09

B5101 Series - Stainless Steel Vertical Actuators with Mounting Bracket to Suit Burkert Positioner 8692



- Features:**
- Setup is simple using the auto-tune feature for position calibration
 - Position feedback is achieved using a 4-20 mA signal that allows the valve to be accurately controlled enabling proper product flow and pressure regulation
 - Brings positioning capability to B5101 series butterfly valves using VC series actuators
 - Positioner uses multi-burst solenoids and sensors for positioning accuracy
 - On-board digital user interface allows valve control at point of use and remotely
 - Can be used on spring return and double acting actuators
 - Multi-pin connectors are standard for easy plug and play operation
 - IP65/67/NEMA 4X washdown rating
 - Optional communication interfaces include AS-I, Profibus, and DeviceNet
- Sizes:**
- For valve sizes 1/2" to 4"

B5101 Series - Pull Handle Butterfly Valves

Options:	<ul style="list-style-type: none"> • Silicone and FKM seals also available • Hygienic valves up to 8" available on request • Lever, trigger handles available • Contact Dixon™ for 304 or 316L
End Options:	<ul style="list-style-type: none"> • RJT, DIN, SMS, IDF
Standard:	<ul style="list-style-type: none"> • Tri-Clamp, BS, SMS, and CF8M (Please specify when ordering)

B51 Series Valve - EPDM Seal Weld End 316L

Size (inch)	Part No.
1	B5101E100BB-A
1½	B5101E150BB-A
2	B5101E200BB-A
2½	B5101E250BB-A
3	B5101E300BB-A
4	B5101E400BB-A
6	B5101E600BB-A

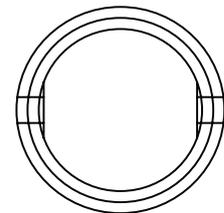
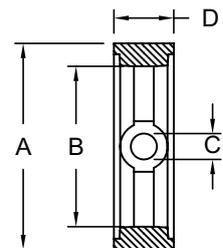
B51 Series Valve - EPDM Seal Triclover End 316L

Size (inch)	Part No.
1	B5101E100CC-A
1½	B5101E150CC-A
2	B5101E200CC-A
2½	B5101E250CC-A
3	B5101E300CC-A
4	B5101E400CC-A
6	B5101E600CC-A

Price Group: DS VF09

B5101 Seat Dimensions

Size (inch)	A (mm)	B (mm)	C (mm)	D (mm)
½ - 1	36.06	21.08	9.40	19.56
1½	49.02	34.04	9.40	19.56
2	65.02	43.94	9.40	19.81
2½	76.96	59.69	11.68	23.11
3	92.961	71.12	13.97	27.94
4	125.98	98.04	15.75	36.32
6	173.48	147.07	15.75	43.18
8	236.73	200.41	17.02	40.39



Spare Parts

Size (inch)	Part No.
1	B5101-DSC100
1½	B5101-DSC150
2	B5101-DSC200
2½	B5101-DSC250
3	B5101-DSC300
4	B5101-DSC400

Price Group: DS VF09

Repair Kits

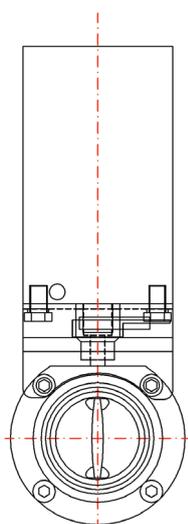
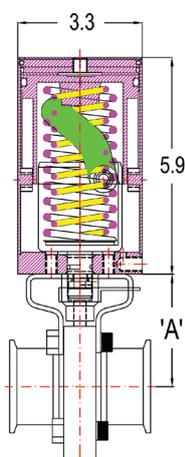
Size (inch)	Red Silicone	Black EPDM	Brown FKM
	Part No.	Part No.	Part No.
½ - 1	B5101-RKS100	B5101-RKE100	B5101-RKV100
1½	B5101-RKS150	B5101-RKE150	B5101-RKV150
2	B5101-RKS200	B5101-RKE200	B5101-RKV200
2½	B5101-RKS250	B5101-RKE250	B5101-RKV250
3	B5101-RKS300	B5101-RKE300	B5101-RKV300
4	B5101-RKS400	B5101-RKE400	B5101-RKV400
6	B5101-RKS600	B5101-RKE600	---
8	---	B5101-RKE800	---

Price Group: DS VF09



B5101 Series - Vertical Spring Return Actuation Butterfly Valves

B



Material:	<ul style="list-style-type: none"> Stainless steel
Options:	<ul style="list-style-type: none"> Silicone and FKM elastomers also available Other end configurations are available

EPDM Seats
and Vertical Spring Return Normally Closed Pneumatic Canister Style Actuator Butt weld

Size (inch)	Part No.
1	B5101E100BB-G
1½	B5101E150BB-G
2	B5101E200BB-G
2½	B5101E250BB-G
3	B5101E300BB-G
4	B5101E400BB-G

Price Group: DS
VF09

PDM Seats
and Vertical Spring Return Normally Open Pneumatic Canister Style Actuator Butt weld

Size (inch)	Part No.
1	B5101E100BB-F
1½	B5101E150BB-F
2	B5101E200BB-F
2½	B5101E250BB-F
3	B5101E300BB-F
4	B5101E400BB-F

Price Group: DS
VF09

EPDM Seats
and Vertical Double Acting Pneumatic Canister Style Actuator Butt weld

Size (inch)	Part No.
1	B5101E100BB-H
1½	B5101E150BB-H
2	B5101E200BB-H
2½	B5101E250BB-H
3	B5101E300BB-H
4	B5101E400BB-H

Price Group: DS
VF09

Dimensions

Valve Size (inch)	Dimension 'A' (mm)
1	68.58
1½	68.58
2	78.74
2½	88.90
3	93.98
4	114.30

HSC Series Spring Check Valves

Features:	<ul style="list-style-type: none"> • Single piece upper body spider design • Machined from solid bar • Standard O-ring and gasket seal design • Can be serviced in field (no special tools required) • Finish: sanitary polish 32 R_a • Suitable for low and medium viscosity fluids • Connection: clamp (standard), others available upon request
------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

End Connections:	• Weld, triclover, SMS, DIN, and RJT ends available
-------------------------	-----------------------------------------------------

Max. Operating Pressure:	• 145 PSI at -9.4°C to 93°C (15°F to 199°F)
---------------------------------	---------------------------------------------

Size (inch)	Pressure Rating	Cracking Pressure (PSI)	Operating Temperature	Clamp End	Weld End
				Part No.	Part No.
½	145 PSI	10.0	-9°C to 93°C (15°F to 200°F)	HSCE050	HSCE050BB
¾		4.0		HSCE075	HSCE075BB
1		2.5		HSCE100	HSCE100BB
1½		1.0		HSCE150	HSCE150BB
2		1.5		HSCE200	HSCE200BB
2½		0.8		HSCE250	HSCE250BB
3		0.5		HSCE300	HSCE300BB
4		0.4		HSCE400	HSCE400BB

EPDM is standard. FKM available upon request.

Price Group: DS
VC10



Dimensions	
Size (inch)	A (inch)
½	2.7
¾	2.7
1	3.3
1½	3.4
2	3.4
2½	3.4
3	3.4
4	4.1



Repair Kits

Size (inch)	Part No.
½	HSC-RKE050
¾	HSC-RKE075
1	HSC-RKE100
1½	HSC-RKE150
2	HSC-RKE200
2½	HSC-RKE250
3	HSC-RKE300
4	HSC-RKE400

EPDM is standard. FKM available upon request.

Price Group: DS
VC10

½"-¾" repair kit contains:
 (1) body gasket
 (1) plunger O-ring
 (1) spider O-ring

1"-4" repair kit contains:
 (1) body gasket
 (1) plunger O-ring

Ball Valves (Encapsulated)

B



Application:	<ul style="list-style-type: none"> Hygienic ball valves for food and chemical use with ISO mount plate 1000 PSI WOG 		
End Connections:	<ul style="list-style-type: none"> Weld, SMS, DIN, RJT, and triclover ends available 		
Options:	<ul style="list-style-type: none"> Repair kits available; direct mount actuation, double air to spring, and electric 		
Standards:	<ul style="list-style-type: none"> RJT, SMS, DIN, Triclover, IDF, and CF8M 316 stainless steel 		
Seal Options:	<ul style="list-style-type: none"> Standard PTFE, RTFE, 25% carbon PTFE, stainless steel reinforced PTFE, UHMW (please specify when ordering) 		
Size (inch)	Weld Ends		Clamp Ends
	Part No.		Part No.
½	BV2CV-050BB-A		BV2CV-050CC-A
¾	BV2CV-075BB-A		BV2CV-075CC-A
1	BV2CV-100BB-A		BV2CV-100CC-A
1½	BV2CV-150BB-A		BV2CV-150CC-A
2	BV2CV-200BB-A		BV2CV-200CC-A
2½	BV2CV-250BB-A		BV2CV-250CC-A
3	BV2CV-300BB-A		BV2CV-300CC-A
4	BV2CV-400BB-A		BV2CV-400CC-A

Price Group: DS

VS03

BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves



Sizes:	<ul style="list-style-type: none"> ½" thru 4" 			
Materials:	<ul style="list-style-type: none"> Body, ends, and ball: CF8M stainless steel Seats: virgin PTFE, 15% glass reinforced RTFE, 25% carbon reinforced PTFE, 50% stainless steel reinforced PTFE or UHMW 			
Features:	<ul style="list-style-type: none"> Full port design on ½" thru 3" Reduced port design on 4" Blow-out proof stem Live-loaded stem packing Iso 5211 mounting pad Lock-out, tag out 			
Standard:	<ul style="list-style-type: none"> Maximum pressure rating: ½" - 2" 1000 PSI WOG, 2½" - 4" 800 PSI WOG 			
Size (inch)	Weld Ends		Clamp Ends	
	T-Port Part No.	L-Port Part No.	T-Port Part No.	L-Port Part No.
½	BV3SVTF050B-A	BV3SVLF050B-A	BV3SVTF050C-A	BV3SVLF050C-A
¾	BV3SVTF075B-A	BV3SVLF075B-A	BV3SVTF075C-A	BV3SVLF075C-A
1	BV3SVTF100B-A	BV3SVLF100B-A	BV3SVTF100C-A	BV3SVLF100C-A
1½	BV3SVTF150B-A	BV3SVLF150B-A	BV3SVTF150C-A	BV3SVLF150C-A
2	BV3SVTF200B-A	BV3SVLF200B-A	BV3SVTF200C-A	BV3SVLF200C-A
2½	BV3SVTF250B-A	BV3SVLF250B-A	BV3SVTF250C-A	BV3SVLF250C-A
3	BV3SVTF300B-A	BV3SVLF300B-A	BV3SVTF300C-A	BV3SVLF300C-A
4	BV3SVTF400B-A	BV3SVLF400B-A	BV3SVTF400C-A	BV3SVLF400C-A

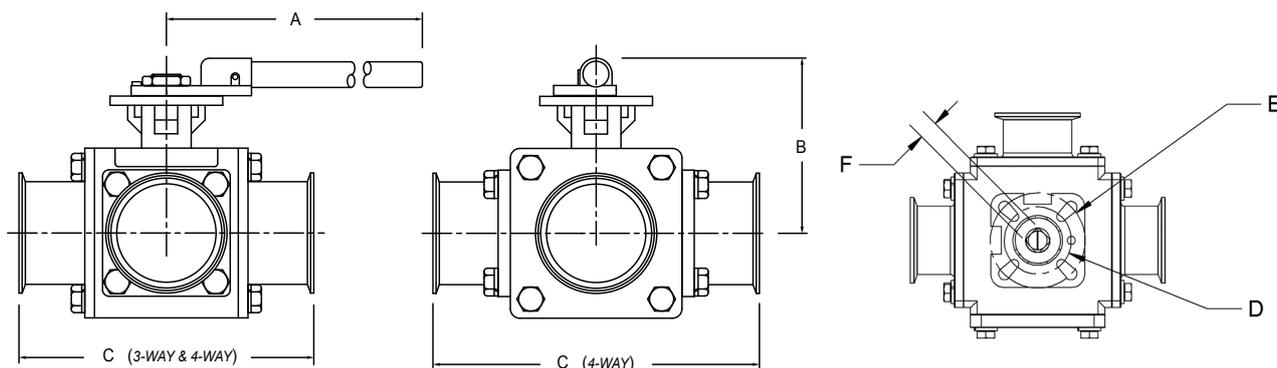
Price Group: DS

VS03

BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Size (inch)	A (mm)	B (mm)	C (mm)	D	E	F (mm)	Weight (kg)	"L" Port Break Torque (in./lbs.)	"T" Port Break Torque (in./lbs.)
½	124.46	43.18	116.84	F03	F04	9.0	1.63	65	44
¾	127.00	48.26	127.00	F03	F04	9.0	1.95	76	76
1	134.62	58.42	152.40	F04	F05	11.0	3.08	171	171
1½	241.30	73.66	175.26	F05	F07	14.0	5.71	356	297
2	241.30	81.28	190.50	F05	F07	14.0	9.79	553	553
2½	457.20	99.06	213.36	F07	F10	17.0	15.26	1114	1114
3	464.82	124.46	243.84	F10	F12	22.0	25.58	1875	1400
4	464.82	137.16	289.56	F10	F12	22.0	38.73	2241	2050

• 4-way available upon request



Handle Kits

Size (inch)	Part No.
½ - ¾	BV-23-HA050-075
1	BV-23-HA100
1½ - 2	BV-23-HA150-200
2½	BV-23-HA250
3 - 4	BV-23-HA300-400

Kit contains:
 (1) lock washer
 (1) handle
 (1) nut

Price Group: DS
 VS03

Repair Kits

Size (inch)	Part No.
½	BV-3SVFRK050
¾	BV-3SVFRK075
1	BV-3SVFRK100
1½	BV-3SVFRK150
2	BV-3SVFRK200
2½	BV-3SVFRK250
3	BV-3SVFRK300
4	BV-3SVRRK400

Kit contains:
 (2) encapsulated seat small
 (2) encapsulated seat large
 (2) body seals
 (1) thrust washer

(1) O-ring
 (3) stem packings
 (1) plug (3-way only)

Price Group: DS
 VS03



Flow Paths

B

3-way 'L'-port
position A



3-way 'L'-port
position B



3-way 'L'-port
position C



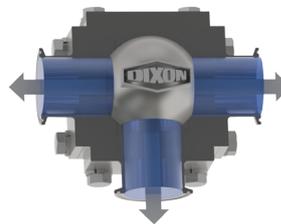
3-way 'T'-port
position A



3-way 'T'-port
position B



3-way 'T'-port
position C



3-way 'T'-port
position D



4-way 'L'-port
position A



4-way 'L'-port
position B



4-way 'L'-port
position C



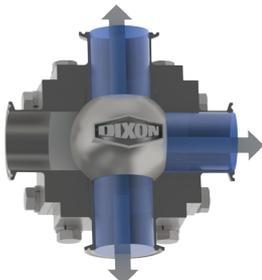
4-way 'L'-port
position D



4-way 'T'-port
position A



4-way 'T'-port
position B



4-way 'T'-port
position C

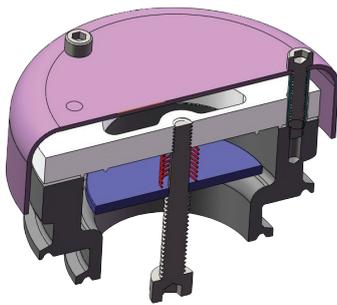
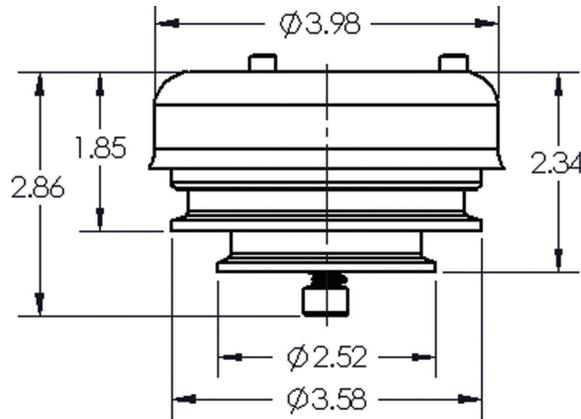


4-way 'T'-port
position D

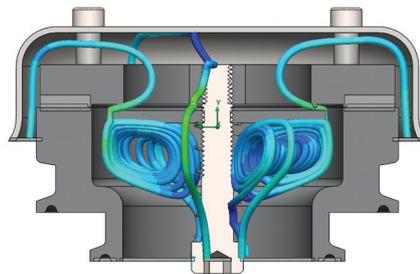


Air & Vacuum Relief Tank Vent Valves

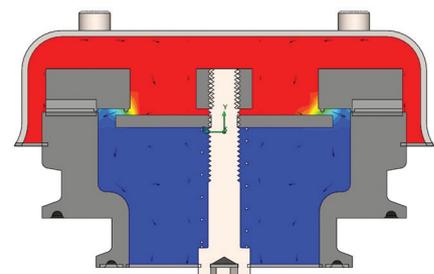
Features:	<ul style="list-style-type: none"> The valve relieves pressure as the fluid level rises while filling a tank The valve relieves vacuum as the fluid level drops while emptying a tank 2" and 3" clamp connections on the same valve Dome helps in preventing external contamination Lightweight, robust PVC and 304 stainless steel construction Can use any clamp gasket
Materials:	<ul style="list-style-type: none"> 304 stainless steel PVC
Flow Rate:	<ul style="list-style-type: none"> 110m³/Hr
Vacuum Break:	<ul style="list-style-type: none"> 0.1 PSI
Pressure Relief:	<ul style="list-style-type: none"> 0.1 PSI
Size (inch)	Part No.
2 and 3	TVPC200-300



Assembly



Vent Flow Pipes



Pressure Analysis

TVS Series Stainless Steel Air & Vacuum Relief Tank Vent Valves

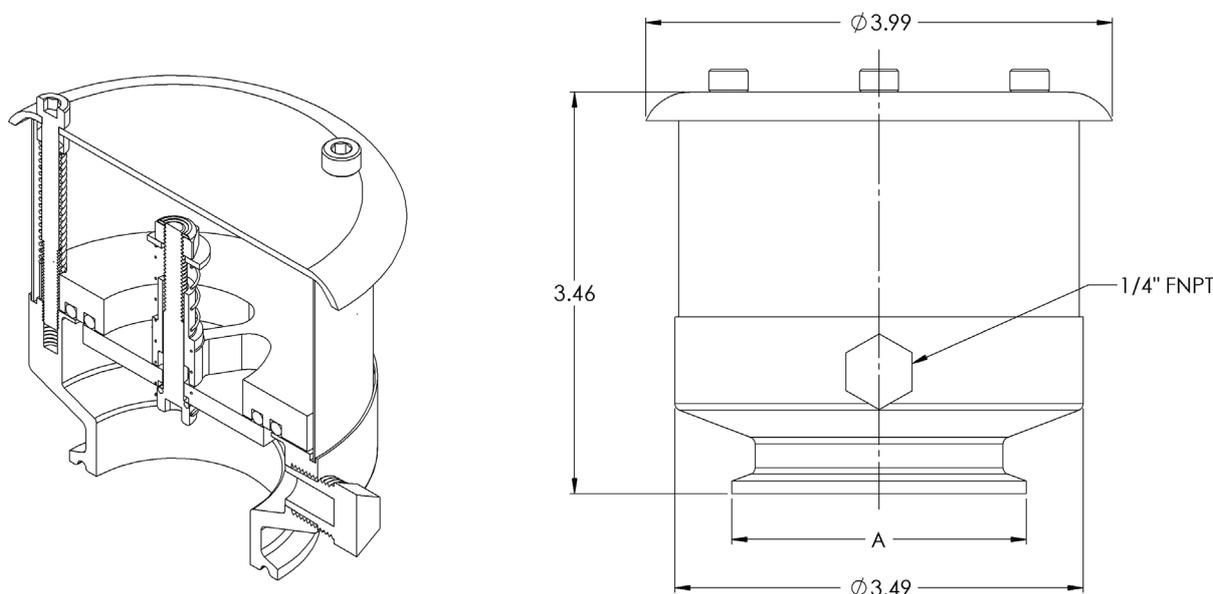


Applications:	<ul style="list-style-type: none"> When product filling or emptying a tank, this valve is used to relieve pressure or vacuum 	
Sizes:	<ul style="list-style-type: none"> 2", 3", or 4" – clamp connection standard 	
Features:	<ul style="list-style-type: none"> Triple action: <ul style="list-style-type: none"> Valve relieves pressure as the fluid level rises while filling a tank Valve relieves vacuum as the fluid level drops while emptying a tank Seals under equal pressure Stainless steel screen surrounds the entire vacuum and pressure flow area Other sanitary connections optional 1/4" FNPT connection for gas inlet, plug also supplied Repair kits available 	
Material:	<ul style="list-style-type: none"> 304 stainless steel, EPDM elastomer 	
Flow Rate:	<ul style="list-style-type: none"> Maximum flow rate: 500 GPM 	
Vacuum Break:	<ul style="list-style-type: none"> Vacuum break: 2" water column, 0.1 PSI 	
Pressure Relief:	<ul style="list-style-type: none"> Pressure relief: 22" water column, 0.8 PSI 	
Temperature:	<ul style="list-style-type: none"> Maximum temperature and pressure rating: 3 PSI @ 21°C (70°F) 	
Tube OD (inch)	A (inch)	Part Number
2	2.52	TVSEC-G200
3	3.58	TVSEC-G300
4	4.68	TVSEC-G400



Due to the impossible determination of whether a tank was damaged due to the tank vent or the lack of opening the upper manhole during product transfer, Dixon Sanitary assumes no liability for tank damage or product loss.

Dimensions



All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

Dixon™ / Rieger Aseptic Type Valves

Applications:	<ul style="list-style-type: none"> The Rieger Aseptic Mix Proof Valve N7 ensures the reliable separation of process lines for liquid products by means of the SIP capable leakage space as well in type "piping" as in type "tank;" CIP/SIP valves control the steam inlet and outlet in the leakage space The outstanding aseptic properties are achieved by hermetic sealing from the environment. A temperature surveyance in the leakage chamber is available upon request. It is important to note the full spring force is applied in rest position and when rinsing the valve.
Features:	<ul style="list-style-type: none"> Design: one-piece valve body, made from solid bar, short design, less welding seams, few seals in product area Absolute product protection: safe media separation by leakage space, controlled leakage chamber, both valve disks are liftable separately Serviceable maintenance: change of seals without special tools, less standing time, easy cleaning Efficiency: long life of the PTFE bellows, low maintenance costs, with brackets for proximity switches on main actuator
Materials:	<ul style="list-style-type: none"> In product contact: 1.4404/AISI316L Optional: 1.4435/AISI316L No product contact: 1.4301/AISI304 Seals: bellows PTFE O-rings: EPDM
Surfaces:	<ul style="list-style-type: none"> In product contact: $R_a \leq 0.8 \mu\text{m}$ Non product contact: $R_a \leq 1.6 \mu\text{m}$
Product Contact Seals:	<ul style="list-style-type: none"> DIN 11850-R2 (DIN 11866 A) OD tube (DIN 11866 C)
Temperatures:	<ul style="list-style-type: none"> EPDM operating: 130°C (266°F) dependent upon operating conditions sterilizing: 150°C (302°F) dependent upon operating conditions PTFE operating: 121°C (249°F) short-time (approximately 20 minutes) sterilizing: 135°C (275°F) short-time (approximately 20 minutes)
Operating Pressure:	<ul style="list-style-type: none"> Product closing for: <ul style="list-style-type: none"> - Type piping: maximum 6 bar - Type tank: maximum 4 bar - Control air pressure: minimum 6 bar - maximum 4 bar



for piping



for tank

Unique on the market



PTFE bellows with metal cap
or with PEEK cap resistant
to granules i.e. fruit yogurt;
also available for valve tank type

SV Series Aseptic Valves

Sizes:	<ul style="list-style-type: none"> 1/2" thru 4"
Materials:	<ul style="list-style-type: none"> Product contact surfaces: 316L, 32R_a, optional surface finishes available Non product contact: 1.4301/AISI304, 68R_a
Features:	<ul style="list-style-type: none"> Solid housing No dead spaces Fully drainable Many built-in positions possible Complete separation from environment No dome or sump in product space Change of seals without special tools Long life PTFE bellows Low spare parts costs OD-tube (DIN 11866 C)
Standards:	<ul style="list-style-type: none"> Maximum standard operating temperature: 121°C (249°F) Sterilization temperature: 135°C (275°F) (approximately 20 minutes dependent upon operating conditions) Closure pressure: max. 87 PSI (6 bar) Actuator air pressure: minimum 87 PSI (6 bar), maximum 145 PSI (10 bar)



SV Series Single Seat Hygienic Valves

A
3
53-06
1526



Applications:	<ul style="list-style-type: none"> • True hygienic design to meet your most demanding process applications • The SV series valves are offered in 316L stainless steel with a variety of body configurations and seat or stem seal materials to fit your specific needs • Designed to shut off or divert the flow in your process either remotely by using air or locally using a manual operating device • The rugged design of the actuator and valve body allow the valve to stand up to the harsh environments often found in the sanitary industry
Sizes:	<ul style="list-style-type: none"> • 1" thru 4"
Features:	<ul style="list-style-type: none"> • Options: manual, actuated (spring return, double acting), control tops • Temperature range: -45°C to 100°C (-50°F to 212°F) • Surface finish: <math><32R_s</math> standard • Air pressure: 80 to 120 PSI • Air connections: 1/8" FNPT
Materials:	<ul style="list-style-type: none"> • Body: 316L stainless steel • Actuator: 304 stainless steel • Manual operating device: 304 stainless steel • Stem seal: buna, EPDM, FKM • Seat seal: buna, EPDM, FKM, PTFE

B



Body Configurations

L	T	Y	F	L/L	T/L	L/T	T/T	TANK 1"-3" only

SSV Series Single Seat Valves

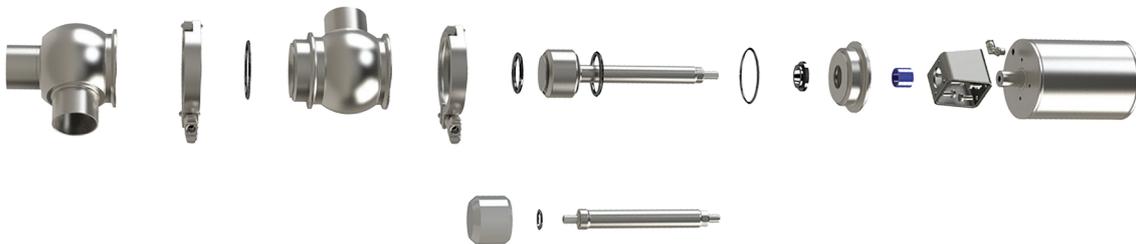
Application:	<ul style="list-style-type: none"> Used in sanitary processes for either isolation or diversion of product
Sizes:	<ul style="list-style-type: none"> 1" - 4"
Features:	<ul style="list-style-type: none"> Valve bodies made from solid bar with increased wall thickness for added durability and increased performance against distortion caused by large temperature fluctuations in the process Actuator stem and valve stem are threaded together to ensure the most rigid union and therefore provide proper stem seal alignment with the valve body Defined compression O-rings and metal-to-metal contact between valve stem and body increases service life of stem seals Actuator bushings on both ends of the actuator provide stem support and ensures perfect alignment and repeatable positive sealing between the stem seal and the valve body Three actuator sizes for all valves (1" to 4") provide added flexibility and interchangeability for your processing requirements
Materials:	<ul style="list-style-type: none"> All product contact steel components: 316L stainless steel All non-product contact steel components: 304 stainless steel Products wetted seal elastomers: FKM or EPDM Stem seal materials: FKM, EPDM or PTFE Surface ID finish: <math>Ra</math> <math><32</math> Elastomers are FDA and 3A compliant
Options:	<ul style="list-style-type: none"> Clamp and weld connections standard, other types available upon request Numerous control tops available Custom port lengths for drop-in replacements of competitor's valves available upon request Optional 15R_a, 20R_a, or 25R_a finishes available
Pressure:	<ul style="list-style-type: none"> Maximum holding pressure: dependent upon size and configuration of the valve
Temperatures:	<ul style="list-style-type: none"> Maximum operating temperature: 130°C (266°F) Maximum sterilization temperature (20 min/max): 135°C (275°F)
Standard:	<ul style="list-style-type: none"> 3A – Authorization Number 1655, 53-06 (Compression-Type Valves)



Shut Off Exploded View



Divert Exploded View



Body Configurations

L-Body	T-Body	Y-Body	F-Body	LL-Body	TL-Body	LT-Body	TT-Body

Hygienic Valves & Pumps

Part Number Example: S01A10C1EEA

Part Description: Shut-Off Valve, L Body, 32Ra Polish, 1.0", Triclamp Connection, Spring Return (Air-to-Raise) Actuator, Elastomer O-Ring Stem Seal, EPDM Wetted Elastomers, 10-30V DC External Prox PNP (Qty 2)

B

Dixon SSV-Series Single Seat Valve Part Number Key		Valve Function				Valve Body				Actuator Function	Stem Type	Wetted Elastomers	Options (See Table 2)
		S	01	A	10	C	1	E	E	A			
Valve Function	Code												
Shut-Off	S	←											
Divert	D												
Valve Body Style (See Diagram A)	Code												
L (2-port Shut-Off)	01	←	←										
T (3-port Shut-Off)	02												
Y (2-port Shut-Off)	03												
F (3-port Divert)	04												
L/L (3-port Divert)	05												
T/L (4-port Divert)	06												
L/T (4-port Divert)	07												
T/T (5-port Divert)	08												
Surface Finish	Code												
32 R _a (ID Mechanical Polish)	A		←										
25 R _a (ID Mechanical Polish)	B												
20 R _a (ID Mechanical Polish)	C												
15 R _a (ID Electro Polish)	D												
Valve Size (inch)	Code												
1	10				←								
1½	15												
2	20												
2½	25												
3	30												
4	40												
Connections	Code												
Triclamp	C					←							
Buttweld	B												
Female I-Line	F												
Male I-Line	M												
Threaded Bevel	T												
Plain Bevel	P												
Q-Line	Q												
Combination (See Table 1)	—												
Actuator Function	Code												
Spring Return (Air-to-Raise)	1							←					
Spring Return (Air-to-Lower)	2												
Double Acting (Air-to-Air)	3												
Stem Type	Code												
Elastomer O-Ring Stem Seal	E									←			
PTFE Plug Seal	P												
Wetted Elastomers	Code												
EPDM	E										←		
FKM	V												

Table 1: Combinations

A-Port	B-Port	C-Port	D-Port	E-Port	Port Diagram
C	C	C	C	C	
B	B	B	B	B	
F	F	F	F	F	
M	M	M	M	M	
T	T	T	T	T	
P	P	P	P	P	
Q	Q	Q	Q	Q	
N (No Port)	---	N (No Port)	N (No Port)	N (No Port)	

Table 2: Options

	Code
10-30V DC External Prox, PNP, (Qty 2)	A
10-30V DC External Prox, NPN, (Qty 2)	B
20-253V AC External Prox, (Qty 2)	C
110V AC External Prox, (Qty 2)	D
Burkert 8691, Single Acting, Device Net, Multipin	E
Burkert 8691, Single Acting, AS-i, Multipin	F
Burkert 8691, Single Acting, 24V DC, Multipin	G
Burkert 8691, Double Acting, DeviceNet, Multipin	H
Burkert 8691, Double Acting, AS-i, Multipin	J
Burkert 8691, Double Acting, 24V DC, Multipin	K
Burkert 8691, Without Solenoid, 24V DC, Multipin	L
Burkert 8681, Single Acting, 110V AC, Multipin	M
Burkert 8681, Double Acting, 110V AC, Multipin	N



Dixon™ / Rieger Mix Proof Valves

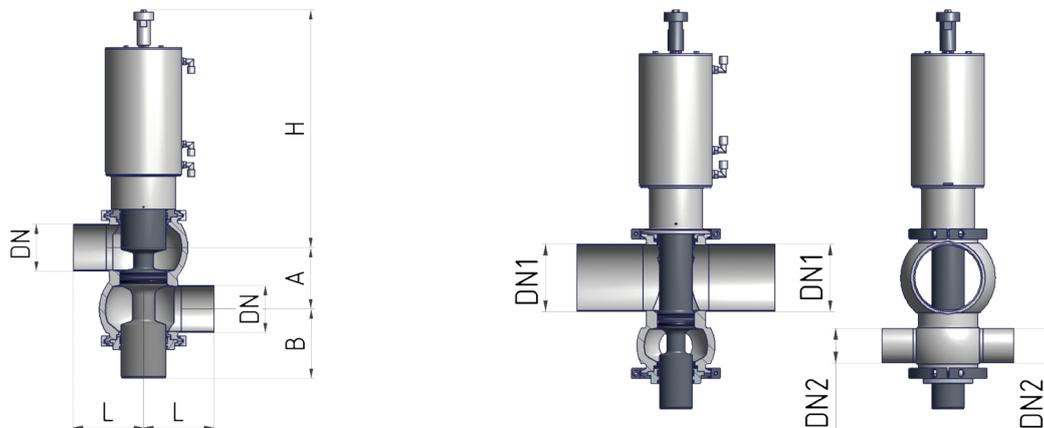
Application:	<ul style="list-style-type: none"> Dixon™ / Rieger Mix Proof Valves ensure reliable protection of your product separating non-compatible liquids. The design of the one-part solid valve body and the radial sealing of both valve seats together with the balanced valve disks allows safe CIP/SIP cleaning thus providing high safety for your products.
Features:	<ul style="list-style-type: none"> One-piece solid bar valve body made No weld torsion Water-hammer safe up to 435 PSI (30 bar) Balanced valve disks Low need for controlled air Lightweight: 4", 35kg Standard actuator with 3 lift functions Easy cleaning by lifting of both disks Service without compressed air Valve insert removable upwards Radial sealing of both valve seats Only four seals in product space Change seals without special tools 316L stainless steel in contact with product Inner surface R_a 0,8 μm (standard)
Sizes:	<ul style="list-style-type: none"> 1" - 6"
Options:	<ul style="list-style-type: none"> Mix-proof bottom seat valve Mix-proof bottom seat change over valve Mix-proof change over valve



Valve Body Types



Also available are mix proof valves with different sizes on the upper to the lower process line.



Dixon™ / Rieger Control Valves


RIEGER


53-06



Applications:	<ul style="list-style-type: none"> The process control head is fitted for the controlling of pneumatically operated process valves Used in dairies, food and beverage, pharmaceutical, and chemical industries
Features:	<ul style="list-style-type: none"> Valve body from solid bar No dead spaces Drainable when mounted in various positions High-grade inner surfaces No dome or sump in product space Change of seals without special tools Optimum cleanability Modular assembly system Low spare parts costs
Materials:	<ul style="list-style-type: none"> Product wetted: 1.4404/AISI316L Optional: 1.4435/AISI316L Non product contact: 1.4301/AISI304
Surfaces:	<ul style="list-style-type: none"> Wetted product surfaces: $R_a \leq 0.8 \mu\text{m}$ (32), optional surfaces available Non product contact: $R_a \leq 1.6 \mu\text{m}$
Product Contact Seal:	<ul style="list-style-type: none"> O-rings and profile washer: EPDM (other materials upon request)
Temperatures:	<ul style="list-style-type: none"> Maximum standard operating temperature: 130°C (266°F) Sterilization temperature: 150°C (302°F) short time* (approx. 20 min) dependent upon operating conditions
Standard Operating Pressure:	<ul style="list-style-type: none"> Standard pressure: maximum 6 bar (87 PSI) Actuator air pressure: minimum 6 bar (87 PSI) - maximum 10 bar (145 PSI) Controlled air pressure: maximum 10 bar (145 PSI)
Standard Connection:	<ul style="list-style-type: none"> OD - tube (DIN 11866 C) weld optional connections on request

Dixon™ / Rieger Control Valves in Aseptic Version


RIEGER


53-06



Application:	<ul style="list-style-type: none"> The process control head is fitted for the controlling of pneumatically operated process valves. The design of the valve body eliminates dead space, a prerequisite for sterile process engineering. When working with high sterilization temperatures this valve fulfills demands for operational security and reliable function.
Features:	<ul style="list-style-type: none"> Valve body from solid bar No dead spaces Drainable when mounted in various positions Complete separation from environment No dome or sump in product space Change of seals without special tools Optimum cleanability Minimum 500,000 strokes Long life of the PTFE bellows Low spare parts costs
Materials:	<ul style="list-style-type: none"> Product wetted: 1.4404/AISI316L Optional: 1.4435/AISI316L Non product contact: 1.4301/AISI304
Surfaces:	<ul style="list-style-type: none"> Wetted product surfaces: $R_a \leq 0.8 \mu\text{m}$ (32), optional surfaces available Non product contact: $R_a \leq 1.6 \mu\text{m}$
Product Contact Seal:	<ul style="list-style-type: none"> Seals: bellows PTFE
Temperatures:	<ul style="list-style-type: none"> Maximum standard operating temperature: 121°C (249°F) Sterilization temperature: 135°C (275°F) short time* (approx. 20 min) dependent upon operating conditions
Standard Operating Pressure:	<ul style="list-style-type: none"> Standard pressure: maximum 6 bar (87 PSI) Actuator air pressure: minimum 6 bar (87 PSI) - maximum 10 bar (145 PSI)
Standard Connection:	<ul style="list-style-type: none"> OD - tube (DIN 11866 C) weld optional connections on request



Valves can only be quoted when full application data is supplied: product viscosity, temperature, inlet and outlet pressure or process pressure, line size, and desired product flow. Contact Dixon™ for all enquiries.

Dixon™ / Rieger BioCheck Sampling Valves

Applications:	<ul style="list-style-type: none"> The BioCheck sampling valves allow easy and safe sampling of liquids from closed systems such as vessels and pipelines Used in pharmaceutical, biopharmaceutical, biochemical, cosmetic, food, dairy, and beverage markets
Features:	<ul style="list-style-type: none"> Valve body from solid bar No dead spaces Drainable Connections suitable for orbital welding Available with only 1 port (same price) Hermetically sealed against environment Optimum cleanability Change of seals without special tools Long life of the PTFE-bellows Low spare parts costs
Materials:	<ul style="list-style-type: none"> In-product contact: 1.4404/AISI316L Non-product contact: 1.4301/AISI304
Surfaces:	<ul style="list-style-type: none"> Wetted product surfaces: $R_a \leq 0.8 \mu\text{m}$ (32), optional surfaces available Non product contact: $R_a \leq 1.6 \mu\text{m}$
Product Contact Seals:	<ul style="list-style-type: none"> FKM bellows - PTFE
Temperatures:	<ul style="list-style-type: none"> Maximum standard operating temperature: 121°C (249°F) Sterilization temperature: 135°C (275°F) short time* (approx. 20 min)
Operating Pressure:	<ul style="list-style-type: none"> Closing tension: max. 8 bar (116 PSI) Version hand wheel: up to 16 bar (232 PSI) min. 6 bar (87 PSI) Controlled air pressure: max. 10 bar (145 PSI)
Standard Connections:	<ul style="list-style-type: none"> S = with self-closing lever O = lever for open position P = without lever H = with hand wheel
Dimensions:	<ul style="list-style-type: none"> Pipe $\varnothing 13 \text{ mm} \times 1.5 \text{ mm}$ (1 mm = 0.0394 Inch)



Mini Aseptic Sampling Valve

Application:	<ul style="list-style-type: none"> The Mini BioCheck sampling valves meet the requirement for minimal product contact surfaces
Feature:	<ul style="list-style-type: none"> The mini valves allow minimal sampling quantities fulfilling the same valve features in material and design compared to the larger valves as DN 10 (1/2")
Options:	<ul style="list-style-type: none"> Pipe, vessel, clamp connection ($\varnothing 25 \text{ mm}$ or 34 mm) 1 port for sampling 2 ports for CIP and/or SIP plus sampling DIN 6 (8 x 1 mm pipe) DIN 8 (10 x 1 mm pipe) Hand wheel Pneumatic (spring to close) Pneumatic and lever



BSV Series 3A Sample Valves



single port actuated



single port



dual port

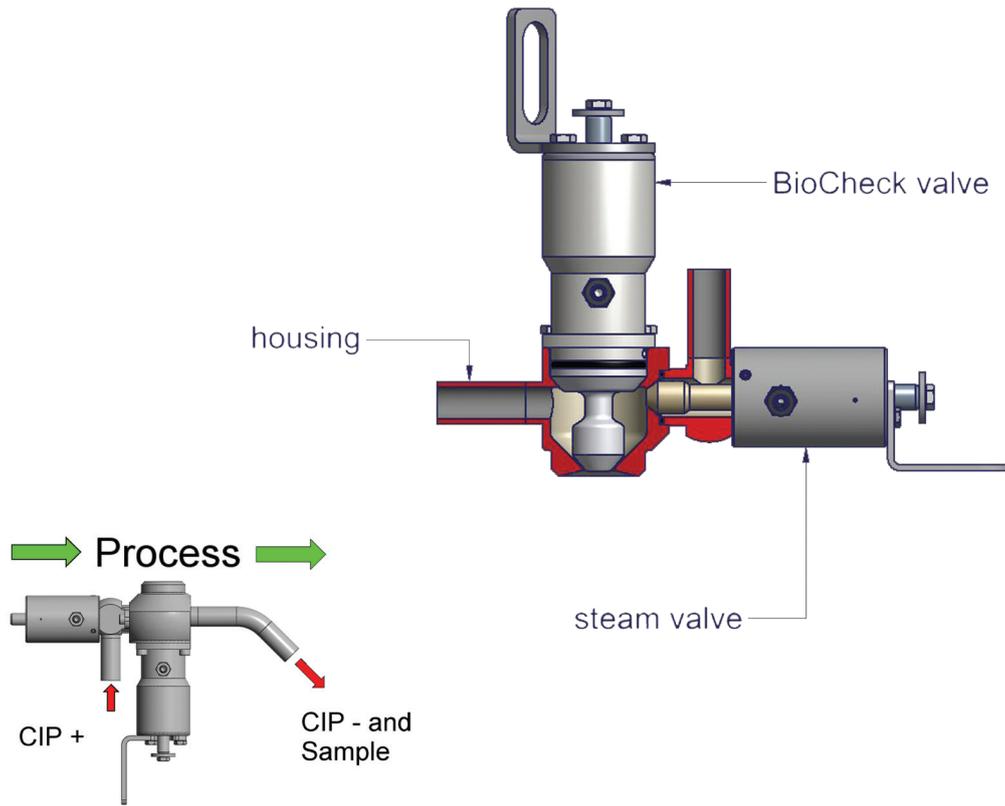
Applications:	<ul style="list-style-type: none"> The 3A sample valve allows easy and safe sampling of liquids from closed systems such as vessels and pipelines These valves are located in the pharmaceutical, biopharmaceutical, biochemical, cosmetic, food, dairy, and beverage markets
Sizes:	<ul style="list-style-type: none"> 1/2" thru 4"
Features:	<ul style="list-style-type: none"> No dead space Drainable Connections suitable for orbital welding Available with single or dual ports Hermetically sealed against environment Optimum cleanability Change of seals without special tools Long life of the PTFE-bellows Low spare part costs Options for pneumatic actuator: no lever, with self-closing lever and with lever for open position Manual actuator (hand wheel) Optional pneumatic actuator - call Dixon™ 1300 134 651
Materials:	<ul style="list-style-type: none"> Product contact surfaces: 316L, 32R_a, optional surface finishes available Non-product contact: 304, 68R_a Product contact seals: PTFE bellows
Temperatures:	<ul style="list-style-type: none"> Closing tension operating pressure: maximum 116 PSI Hand wheel version operating pressure: minimum 87 PSI, maximum 232 PSI Controlled air pressure: maximum 145 PSI

Clamp Valve Size (inch)	Weld Port Size (inch)	Single Port Part Number	Dual Port Part Number
1/2	1/4	BSVS-HC050B025	BSVD-HC050B025
	3/8	BSVS-HC050B375	BSVD-HC050B375
	1/2	BSVS-HC050B050	BSVD-HC050B050
1	1/4	BSVS-HC100B025	BSVD-HC100B025
	3/8	BSVS-HC100B375	BSVD-HC100B375
	1/2	BSVS-HC100B050	BSVD-HC100B050
1 1/2	1/4	BSVS-HC150B025	BSVD-HC150B025
	3/8	BSVS-HC150B375	BSVD-HC150B375
	1/2	BSVS-HC150B050	BSVD-HC150B050
2	1/4	BSVS-HC200B025	BSVD-HC200B025
	3/8	BSVS-HC200B375	BSVD-HC200B375
	1/2	BSVS-HC200B050	BSVD-HC200B050
2 1/2	1/4	BSVS-HC250B025	BSVD-HC250B025
	3/8	BSVS-HC250B375	BSVD-HC250B375
	1/2	BSVS-HC250B050	BSVD-HC250B050
3	1/4	BSVS-HC300B025	BSVD-HC300B025
	3/8	BSVS-HC300B375	BSVD-HC300B375
	1/2	BSVS-HC300B050	BSVD-HC300B050
4	1/4	BSVS-HC400B025	BSVD-HC400B025
	3/8	BSVS-HC400B375	BSVD-HC400B375
	1/2	BSVS-HC400B050	BSVD-HC400B050

BioCheck Combi Sampling Valves with Steam Valve

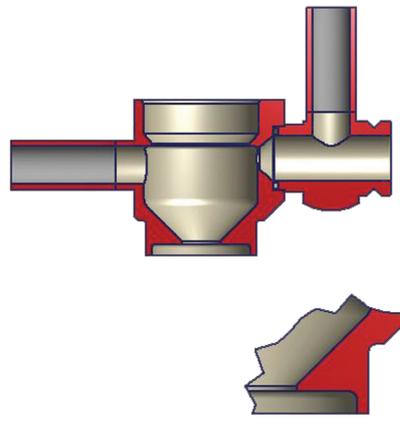
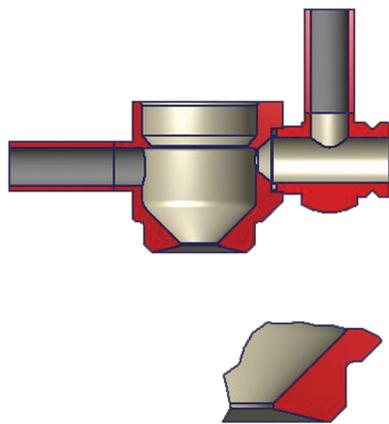


B

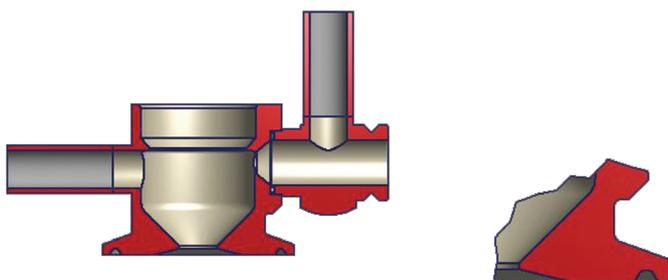


housing for tank

housing for piping



housing for clamp



Dixon™ / Rieger Safety Valves



B

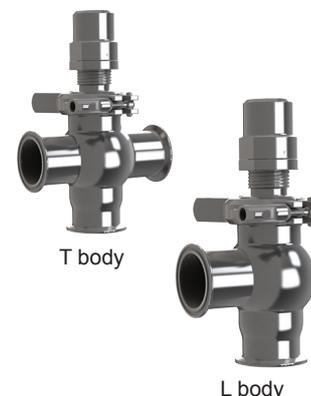


Application:	<ul style="list-style-type: none"> Safety valve prevents excess pressure of gaseous media in pipelines and vessels. The set pressure is always higher than the operating pressure. As soon as the pressure is reached, the valve opens against the force of the spring. The pressure excess is relieved as soon as the pressure is 10% higher than the set pressure.
Features:	<ul style="list-style-type: none"> Valve body made from solid bar No dead spaces Drainable High-grade inner surfaces No sump, no dome Change of seals without special tools Safety: closed spring cap Optimum cleanability Modular assembly systems Connections suitable for orbital welding Low spare part cost Adjustable set pressure Passed the EC type examination (Module B) according to Directive 97/23/EG for steam and gas for the set ranges from 22 PSI to 116 PSI, but for 1" and 1 1/2" from 29 PSI to 116 PSI 3A versions not available
Materials:	<ul style="list-style-type: none"> Product contact: 1.4404/AISI316L Optional: 1.4435/AISI316L Non product contact: 1.4301/AISI304
Temperatures:	<ul style="list-style-type: none"> Maximum standard operating temperature: 130°C (266°F) Sterilization temperature: 150°C (320°F) short time (approx. 20 min)
Surfaces:	<ul style="list-style-type: none"> Wetted product surfaces: $R_a \leq 0.8 \mu\text{m}$ (32), optional surfaces available Non product contact: $R_a \leq 1.6 \mu\text{m}$
Product Contact Seal:	<ul style="list-style-type: none"> O-rings: EPDM or FKM
Pressures:	<ul style="list-style-type: none"> Set pressure: 22 PSI to 116 PSI resp. 29 PSI to 116 PSI Controlled air pressure: min. 87 PSI - max. 145 PSI
Connection:	<ul style="list-style-type: none"> Weld ends combined with concentrically reduced inch clamp ferrules

SPR Series Pressure Relief Valves

Application:		<ul style="list-style-type: none"> Suitable for liquids and gas 	
Features:		<ul style="list-style-type: none"> Valve opens when the set pressure is reached to prevent excess pressure in piping or systems Valve body made from solid bar Patented squeeze clamp Low spare part cost Various pressure ranges Standard connections clamp, others on request 	
Materials:		<ul style="list-style-type: none"> Product contact surfaces: 316L, 32R_a, other surface finishes available Non product contact: 304 stainless steel Product contact O-ring: EPDM or FKM 	
Standards:		<ul style="list-style-type: none"> Actuation: manual Maximum standard operating temperature: 130°C (266°F) Sterilization temperature: 149°C (300°F) maximum 20 min Pressure ranges: 0-50 PSI, 50-100 PSI, 100-300 PSI 	
Tube OD (inch)	Body Style	Spring Set PSI Range	Part No.
1½	T-Body	0-50	SPR-TCE1A150
		50-100	SPR-TCE2A150
		100-300	SPR-TCE3A150
	L-Body	0-50	SPR-LCE1A150
		50-100	SPR-LCE2A150
		100-300	SPR-LCE3A150
2	T-Body	0-50	SPR-TCE1A200
		50-100	SPR-TCE2A200
		100-300	SPR-TCE3A200
	L-Body	0-50	SPR-LCE1A200
		50-100	SPR-LCE2A200
		100-300	SPR-LCE3A200

EPDM is standard. FKM available upon request.



SOV Series Manual and Pneumatic Overflow Valves

Application:		<ul style="list-style-type: none"> Valve opens when the set pressure is reached to prevent excess pressure in piping or systems; suitable for liquids, steam, and gas 	
Sizes:		<ul style="list-style-type: none"> 1" thru 3" 	
Features:		<ul style="list-style-type: none"> Valve body made from solid bar No dead spaces Drainable when mounted in various positions High-grade inner surfaces No sump, no dome Clamp union between valve body and actuator Modular assembly system – easy change between hygienic and aseptic type Standards seals OD-tube (DIN 11866 C) 	
Materials:		<ul style="list-style-type: none"> Product contact surfaces: 316L, 32R_a, optional surface finishes available Non product contact: 340, 68R_a Hygienic EPDM O-rings Aseptic PTFE Bellows 	
Standards:		<ul style="list-style-type: none"> Maximum standard operating temperature EPDM: 130°C (266°F) Maximum standard operating temperature PTFE: 121°C (249°F) Sterilization temperature EPDM: 149°C (300°F)¹ Sterilization temperature PTFE: 135°C (275°F)¹ Possible set pressure for O-ring version: 8 PSI to 87 PSI (0.5 bar to 6 bar) 22 PSI to 87 PSI (1.5 bar to 6 bar) PTFE-bellows version pressure range depends on spring control air pressure: minimum 87 PSI, maximum 145 PSI (minimum 6 bar, maximum 10 bar) 	

¹ Approximately 20 minutes dependent upon operating conditions



B

Positioner Type 8692 - For Pneumatic Control Angle Valves



Application:	<ul style="list-style-type: none"> Digital electro pneumatic positioner for the integrated mounting on process control valves
Features:	<ul style="list-style-type: none"> Compact stainless steel design Graphic display with backlight Easy start-up Comprehensive range of additional software functions Internal control air channel

Adaptor Kits for Positioner Type 8692		
Size (inch)	kg	Part No.
1 - 1½	1.09	CV-AK100-150
2 - 4	1.18	CV-AK200-400

Price Group: DS
VF10

Positioner Type 8694 - For Pneumatic Control Angle Valves



Application:	<ul style="list-style-type: none"> Electro pneumatic positioner for the integrated mounting on process control valves
Features:	<ul style="list-style-type: none"> Compact stainless steel design Easy start-up Comprehensive range of additional software functions Internal control air channel

Adaptor Kits for Positioner Type 8694		
Size (inch)	kg	Part No.
1 - 1½	1.09	CV-AK100-150
2 - 4	1.18	CV-AK200-400

Price Group: DS
VF10

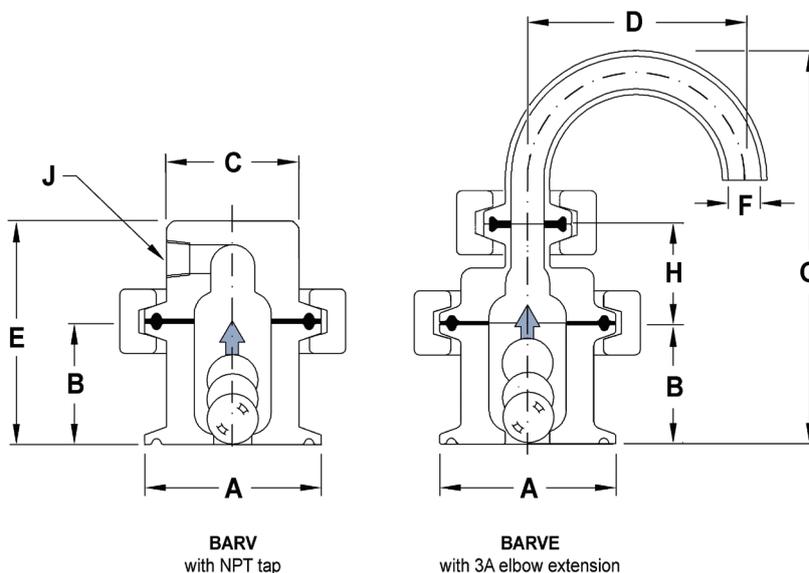
BARV Series Air Relief Valves

Applications:	<ul style="list-style-type: none"> Bleeding of a line where an air pocket has formed. This application calls for installation at the top of the line. Bleeding of a tube on the suction side of a pump. The suction side is bled automatically, before the pump starts, establishing a vacuum. Binding of air to liquid will be prevented, and so will subsequent cavitation. In this application the valve is mounted in front of the pump, on the top of the inlet tube. Air relief valve allows air to be removed from a line or container without the liquid flowing out. Its design does not allow air to enter the line or container, even if subjected to a negative pressure. It is a double-seated valve with a free moving polypropylene ball. The ball, which is lighter than water, closes against the upper or lower seat, depending on the pressure conditions.
Features:	<ul style="list-style-type: none"> No special tools required Ball and gaskets are replaceable The valve seals for both pressure and vacuum All product contact surfaces have a radius of 1/4" or better PTFE valve ball is available Other gasket materials available
Temperature:	<ul style="list-style-type: none"> Maximum operating temperature: 100°C (212°F)
Pressure:	<ul style="list-style-type: none"> Maximum: 145 PSI
Standards:	<ul style="list-style-type: none"> 3A Standards 58-00 with elbow extension, check valves, and vacuum breakers The valve ball is constructed of FDA, 3A approved polypropylene

A
3
58-00
1447



B



Description	A (inch)	B (inch)	C (inch)	D (inch)	E (inch)	F (inch)	G (inch)	H (inch)	J (inch)	304 Stainless Steel Part Number
1½" air relief valve with tapped blind end	1.98	1.40	1.50	---	2.60	---	---	---	½ NPT	BARV-G150
2" air relief valve with tapped blind end	2.52	1.40	1.50	---	2.60	---	---	---	½ NPT	BARV-G200
1½" air relief valve with 180° elbow	1.98	1.40	---	1.50	---	0.37	4.10	1.10	---	BARVE-G150
2" air relief valve with 180° elbow	2.52	1.40	---	1.50	---	0.37	4.10	1.10	---	BARVE-G200

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

B45 Air Blow Check Valves

A
3
58-00
1447

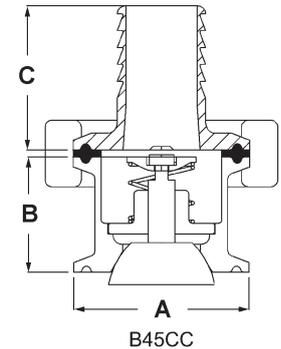
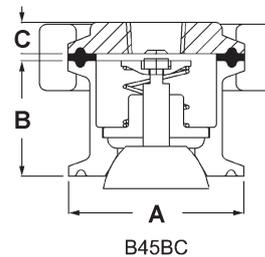
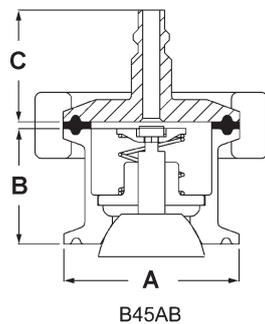


Can be used on the Dixon™ B45BY Series Y-Ball Check Valves



Sizes:	• 1" thru 4"
Features:	• Conforms to 3A standards for filtration of air entering tanks or pipelines with optional filter disc • Filter discs sold separately in packs of 50
Materials:	• 316L stainless steel • Stem seat and gasket: EPDM
Standards:	• Maximum operating temperature: 100°C (212°F) • Maximum operating pressure: 145 PSI

Size (inch)	Quick-Connect Plug Part Number	Female NPT Part Number	Hose Barb Part Number
1- 1½	B45AB-R100150	B45BC-R100150	B45CC-R100150
2	B45AB-R200	B45BC-R200	B45CC-R200
2½	B45AB-R250	B45BC-R250	B45CC-R250
3	B45AB-R300	B45BC-R300	B45CC-R300
4	B45AB-R400	B45BC-R400	B45CC-R400



Size (inch)	A	B	C Plug	C FNPT	C Hose Barb
1-1½	1.984	1.30	1.26	0.6	1.7
2	2.516	1.30	1.26	0.6	1.7
2½	3.047	1.30	1.26	0.6	1.7
3	3.579	1.30	1.26	0.6	1.7
4	4.682	1.30	1.26	0.6	1.7

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

- Repair kit, **B45AB-RK**, contains:
- (1) EPDM / 316L stainless perforated disc
 - (1) 304 stainless spring retainer
 - (1) 304 stainless spring
 - (1) nylon stem guide
 - (1) 316L / EPDM stem and plug

Sizing Chart

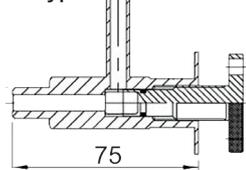
When using air blow check valves with ball check valves, refer to the chart below.

Ball Check Valve Size (inch)	Air Blow Check Valve Size (inch)
1½	2
2	2½
2½	3
3	4

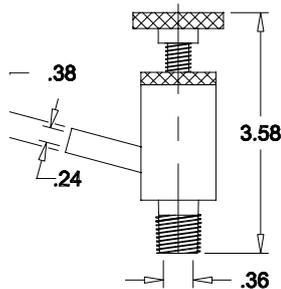
W Series Sample Valves - BSVW

Features:		<ul style="list-style-type: none"> • Silicone or PTFE seat ensures a leak-proof shut-off • Surface finish polished to sanitary standards 		
Materials:		<ul style="list-style-type: none"> • 304 stainless steel • O-rings: double silicone 		
Temperature:		<ul style="list-style-type: none"> • 149°C (300°F) at 200 PSI 		
Size (inch)	Style	Seat Material	Weight (lbs.)	304 Stainless Steel Part Number
1	clamp	silicone	0.88	BSVWCS-G100
		PTFE	0.88	BSVWCP-G100
1	weld	silicone	0.72	BSVWBS-G100
		PTFE	0.72	BSVWBP-G100

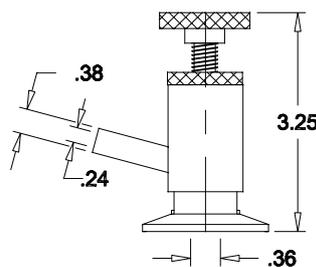
A Type



BSP STYLE



NPT STYLE



CLAMP STYLE

ALL VALVES ARE SHOWN FULLY OPEN

All dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.



clamp



weld



Repair Kits

Part Number	Kit Contents
BSVW-RKS	(2) silicone O-rings (1) silicone seat
BSVW-RKP	(2) silicone O-rings (1) PTFE seat

BSP Lockable Sample Tap

Material:		<ul style="list-style-type: none"> • 316 stainless steel 		
Size (inch)	Style	Seat Material	Weight (lbs.)	304 Stainless Steel Part Number
1/2	BSP	PTFE	0.14	BSVWBS-R50



Repair Kit

Part Number	Kit Contents
BSVWBS-RK50	EPDM O-ring PTFE stopper

RZL Series Rotary Lobe Pumps

A
3
53-06



Features:

- All wetted parts are 316L stainless steel
- Front loading seal options:
 - Single (standard) and double mechanical seals, TC vs TC (standard)
 - Single and double O-ring seals
 - Triple lip seal
 - Flush option available on all seal types
- Rotors:
 - Bi-wing (standard)
 - Single wing
 - Bi-lobe
 - Tri-lobe
 - Multi-lobe
 - Heli-lobe
 - Spur gear
- Connections:
 - Clamp (standard), others available upon request

RZL Model Table

Model	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
RZL105	2.00	20	1	1000
RZL110	4.99	20	1	1000
RZL115	11.99	12	1½	800
RZL120	20.97	8	2	800
RZL220	40.92	12	2	700
RZL225	61.89	8	2½	700
RZL330	101.82	12	3	600
RZL340	143.76	8	4	600
RZL440	226.67	12	4	500
RZL450	333.49	8	5	500

RZL Series Rotary Lobe Pump Options



Thermal Jacket Pumps

Designed for products that require temperature control such as sugars, chocolate, corn syrup, and brewer's yeast with easy attachment to pump front cover and/or casing.



Rectangular Inlet

Enlarged rectangular inlet allows highly viscous products such as semi-solid pastes or mixtures containing semi-solid pieces to be pumped.



Pressure Relief Valve

The pressure relief valve protects the system from pressure peaks or restrictions in the discharge, providing a pressure relief valve loop from discharge to the suction areas up to 10 Bar.



Ultra Clean Pumps

Fully self-draining pump head and external rotor fixing can eliminate any contaminations and internal crevices. Excellent for sterile pharmaceuticals, ultra-hygienic food processing and aseptic manufacturing. Available in all sizes.



High Pressure Pumps

High pressure pumps have a front bearing cover to support shafts on front and back position. The well-balanced shaft design can handle pressures up to 30 Bar without shaft deflection.



Acculab

Specially designed for superior metering accuracy with multi-lobe rotors or spur gear rotors which allow minimum pulsation, precise volumetric dosing and packaging, lab and pilot plants or manufacturing applications as well as general fluid transfer.

B

JZW Series Heli-Lobe Wine Pumps

B



Features:

- Heli-lobe rotors standard
- Stainless steel gear box
- Lobes are rubber coated and therefore safe from galling from grape skins, seeds, and stems
- Front loading seal options:
 - TC vs TC
 - Single and double O-ring seals
 - Triple lip seal
 - Flush option available on all seal types
- Elastomers:
 - EPDM (standard) and FKM
- Rotor:
 - Heli-lobe rotors standard
- Connections:
 - Triclamp standard, all others available
- Option:
 - Front cover pressure relief valve

JZW Model Table

Model	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
ZW120	113.56	4	2	1000

Heli-Lobe Options



Features:

- Pulsation-free heli-lobe rotors gives the pump increased capacity through higher speed limits and increased suction capability through decreasing cavitation limits
- Double and triple heli-lobe rotors with front bearing cover is designed to pump up to 1097 liters/100 REV up to maximum 30 bar.



Contact Dixon™ for pump trolley configurations.

RZP Series Circumferential Piston Pumps



Features:	<ul style="list-style-type: none"> All wetted parts are 316L stainless steel Front loading seal options: <ul style="list-style-type: none"> - Single (standard) and double mechanical seals, TC vs TC (standard) - Single and double O-ring seals - Triple lip seal - Flush option available on all seal types Elastomers: <ul style="list-style-type: none"> - EPDM (standard), FKM, perfluore, and Kalrez® Rotor: <ul style="list-style-type: none"> - 316L Bi-Wing (standard) Connections: <ul style="list-style-type: none"> - Clamp (standard), others available upon request Options: <ul style="list-style-type: none"> - Rectangular inlet - Thermal heating jackets - Pressure relief valve cover - Universal series dimension base
------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



RZP Model Table

Model No.	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
RZP015	5.22	10	1½	800
RZP030	25.96	14	2	700
RZP060	73.96	17	2½	600
RZP130	117.99	10	3	600

ExD Series Sanitary Centrifugal Pumps

Features:	<ul style="list-style-type: none"> Available in four sizes Pump casing and front cover precision machined from solid bar Modular 2-piece adaptor with interchangeable Nema motor flanges; slotted adaptor allows casing outlet to be rotated from 90° to 180° without disassembly Modular stub shaft design with interchangeable Nema motor shaft sleeves Unique stub shaft leak chamber allows for immediate external identification of seal wear Mechanical seal components interchangeable with BC-Series seals Compact and maintenance friendly adaptor guard set Efficient semi-open impeller design Seal type: externally balanced single mechanical Finish: sanitary polish 0.8 um R_a (other finishes available) Pump casing machined with external flats for easy casing drain addition Connections: clamp (standard), others available upon request Nominal capacity: up to 113m³/hr Maximum head: 68M Nominal speed: up to 3000 RPM - 50Hz
Materials:	<ul style="list-style-type: none"> Product contact: 316L stainless steel and fully traceable non-product contact: 304 stainless steel Stationary seal seat material: silicone carbide, ceramic, or tungsten carbide Rotary seal material: carbon or silicone carbide Elastomers: Buna, EPDM, silicone, or FKM Optional leg kit: 304 stainless steel
Standards:	<ul style="list-style-type: none"> Temperature: 0°C to 100°C (32°F to 212°F), call Dixon™ for other temperatures Motor: standard B5 FACE, 3000 RPM - 1500Hz Mounting: wet end mounted to a C-Face motor Mounting options: adjustable legs or pump cart



JCP Series Centrifugal Pumps

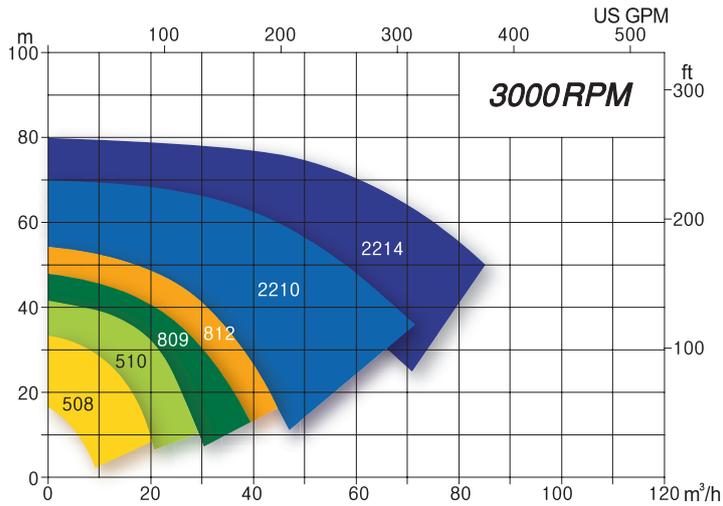


- Features:**
- All wetted parts are 316L resistant stainless steel
 - Totally cleanable CIP and SIP, meets EHEDG and 3A standards
 - One size shaft seal for all pump sizes
 - Unique front loading seal - no need to disconnect process pipe work
 - Single seal to flushed seal within minutes with just a few extra parts
 - Elastomers:
 - EPDM (standard), FKM, and Kalrez®
 - Connections:
 - RJT, clamp, others available upon request
 - Flows up to 100m³/hr and heads up to 100m
 - Individual curves available



B

Performance Curves



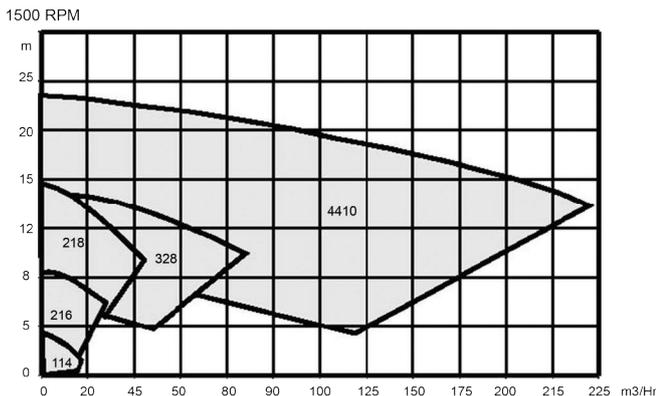
BC Series Centrifugal Pumps



- Feature:**
- Motor: standard B35 flange washdown, foot mounted
 - Additional motor types available upon request
 - Mounting: pump head mounted to a B35 face motor
- Materials:**
- Volute: 316L stainless steel
 - Impeller: CF3M (316L) stainless steel
 - Back plate: 316L stainless steel
 - Stub shaft: 316L stainless steel
 - Adaptor: 304 stainless steel
 - Optional leg kit: 304 stainless steel
 - Seal types: externally balanced 'DG' with clamped in seat
 - Rotary seal material: carbon, silicone carbide rotating element available as option
 - 'DG' seal seat material: silicone carbide, ceramic, and tungsten carbide
 - Elastomers: buna, EPDM, silicone and FKM
 - Finish: sanitary polish 0.8R_a
- Standards:**
- Nominal capacity: up to 177 m³/h
 - 0°C to 100°C (32°F to 212°F), consult Dixon™ for other temperatures
 - Nominal speed: up to 3000RPM-50HZ

NOTE: The Family of Curves graphs below will be updated to match those above, or removed, before the next proof.

Family of Curves



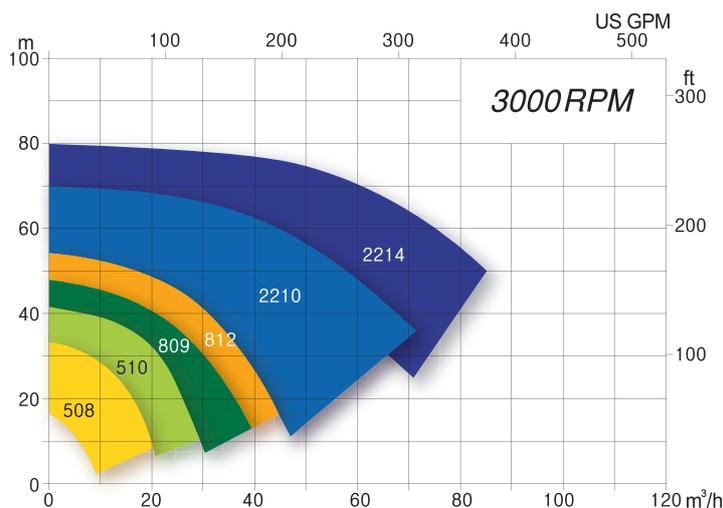
JWP Series (Water for Injection)

Features:

- JWP series pumps are ideal for high purity, pyrogen-free fluid for pharmaceutical process and deionized water
- All internal surfaces are finished to 0.4 μm R_a with electropolish optional
- Fully drainable and cleanable for CIP and SIP so as to meet EHEDG and 3A standards
- Housing, cover, and impeller are investment cast then precision machined
- Elastomers:
 - EPDM (standard), FKM, and Kalrez®
- Connections:
 - RJT, clamp, others available upon request
- Options:
 - Several piping configurations optional
 - Auxiliary flow control devices; flow meter, thermometer, and check valve
 - Flows up to 100m³/hr and heads up to 100m
 - Individual curves available



Performance Curves



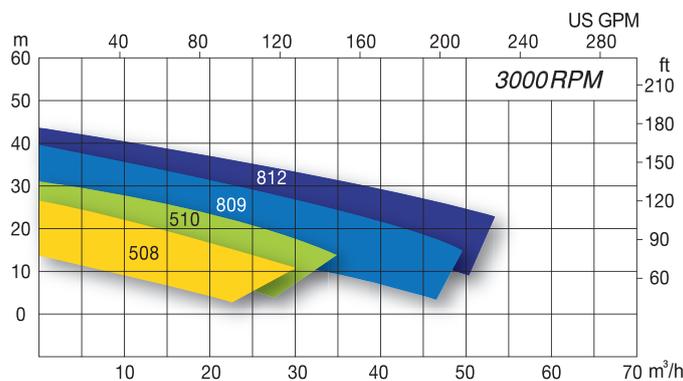
JEPS Series Self Priming Centrifugal Pumps

Features:

- JEPS self priming pumps are designed specifically for products containing air and gas which cannot be pumped by general centrifugal pumps
- Special airscrew generates self priming effect and optimises pump operation
- Lower noise levels and better power consumption than liquid ring pumps
- Housing, cover, and impeller are investment cast then precision machined
- Elastomers:
 - EPDM (standard), FKM, and Kalrez®
- Connections:
 - RJT, clamp, others available upon request
- Individual curves available



Performance Curves



JSB Series Shear Blenders

A
3
53-06

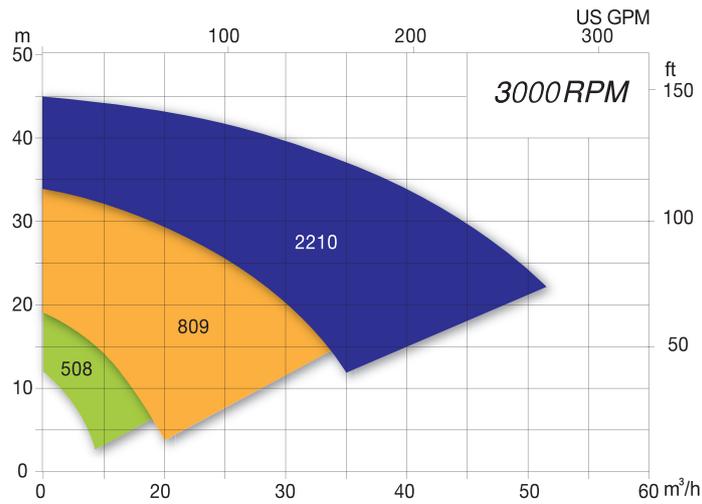


- Features:**
- Designed to blend, emulsify, disperse, dissolve, and homogenize
 - Supremely efficient and rapid in operation. Can shorten processing time by up to 90% when compared to conventional agitators or paddles
 - All wetted parts are AISI 316 stainless steel
 - Fully CIP capable
 - Field changeable to standard JCP centrifugal pump with impeller change
 - Elastomers:
 - EPDM (standard), FKM, and Kalrez®
 - Connections:
 - RJT, clamp, others available upon request
 - Capacities up to 80m³/hr

B



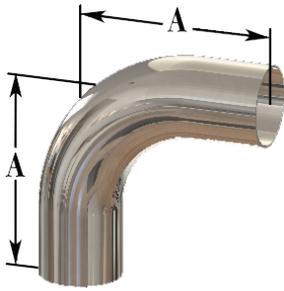
Performance Curves



- Biopharmaceutical Fittings (BPE)----- 65-80**
 - Elbows -----66-67**
 - Tees ----- 68-71**
 - Reducers ----- 73-75**
 - Caps ----- 75-76**
 - Ferrules ----- 75**
 - Adaptors ----- 76**
- Technical Specifications----- 77-79**
 - Final Tolerances for Mechanically Polished Fittings and Process Components----- 77**
 - Weld-End Chemical Analysis----- 78**
 - BPE Surface Finish Requirements ----- 78**
 - Contact Surface Finish Acceptance Criteria ----- 78**
- Packaging ----- 79**
- 316L Stainless Steel Material Test Report----- 79**
- Tubing ----- 80**
- Operating Pressures - 316 Stainless Steel Tube ----- 80**



90° Weld Elbows



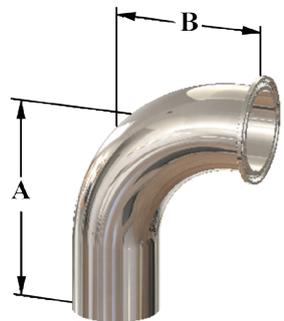
BPE Table #DT-7

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
½	76.200	T2S-050PL	T2S-050PM
¾	76.200	T2S-075PL	T2S-075PM
1	76.200	T2S-100PL	T2S-100PM
1½	95.250	T2S-150PL	T2S-150PM
2	120.650	T2S-200PL	T2S-200PM
2½	139.700	T2S-250PL	T2S-250PM
3	158.750	T2S-300PL	T2S-300PM
4	203.200	T2S-400PL	T2S-400PM
6	292.100	T2S-600PL	T2S-600PM

Price Group: DS

AV14

90° Clamp x Weld Elbows



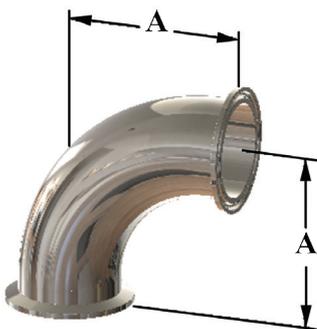
BPE Table #DT-12

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½	76.200	41.275	T2CM-050PL	T2CM-050PM
¾	76.200	41.275	T2CM-075PL	T2CM-075PM
1	76.200	50.800	T2CM-100PL	T2CM-100PM
1½	95.250	69.850	T2CM-150PL	T2CM-150PM
2	120.650	88.900	T2CM-200PL	T2CM-200PM
2½	139.700	107.950	T2CM-250PL	T2CM-250PM
3	158.750	127.000	T2CM-300PL	T2CM-300PM
4	203.200	168.275	T2CM-400PL	T2CM-400PM
6	292.100	266.700	T2CM-600PL	T2CM-600PM

Price Group: DS

AV14

90° Clamp x Clamp Elbows



BPE Table #DT-16

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
½	41.275	T2CMP-050PL	T2CMP-050PM
¾	41.275	T2CMP-075PL	T2CMP-075PM
1	50.800	T2CMP-100PL	T2CMP-100PM
1½	69.850	T2CMP-150PL	T2CMP-150PM
2	88.900	T2CMP-200PL	T2CMP-200PM
2½	107.950	T2CMP-250PL	T2CMP-250PM
3	127.000	T2CMP-300PL	T2CMP-300PM
4	168.275	T2CMP-400PL	T2CMP-400PM
6	266.700	T2CMP-600PL	T2CMP-600PM

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish - SF4

OD = 32R_a Mechanically Polished

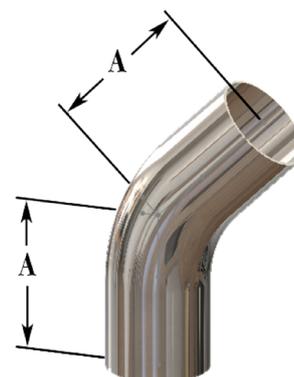
ID = 15R_a Mechanically Polished & Electropolished

45° Weld Elbows

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
½	57.150	T2KS-050PL	T2KS-050PM
¾	57.150	T2KS-075PL	T2KS-075PM
1	57.150	T2KS-100PL	T2KS-100PM
1½	63.500	T2KS-150PL	T2KS-150PM
2	76.200	T2KS-200PL	T2KS-200PM
2½	85.725	T2KS-250PL	T2KS-250PM
3	92.075	T2KS-300PL	T2KS-300PM
4	114.300	T2KS-400PL	T2KS-400PM
6	158.750	T2KS-600PL	T2KS-600PM

Price Group: DS

AV14



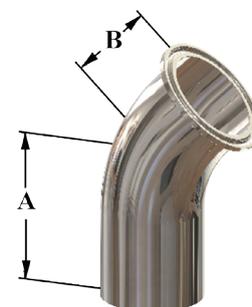
BPE Table #DT-8

45° Clamp x Weld Elbows

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½	57.150	25.400	T2KM-050PL	T2KM-050PM
¾	57.150	25.400	T2KM-075PL	T2KM-075PM
1	57.150	28.575	T2KM-100PL	T2KM-100PM
1½	63.500	36.525	T2KM-150PL	T2KM-150PM
2	76.200	44.450	T2KM-200PL	T2KM-200PM
2½	85.725	52.400	T2KM-250PL	T2KM-250PM
3	92.075	60.325	T2KM-300PL	T2KM-300PM
4	114.300	79.375	T2KM-400PL	T2KM-400PM
6	158.750	133.350	T2KM-600PL	T2KM-600PM

Price Group: DS

AV14



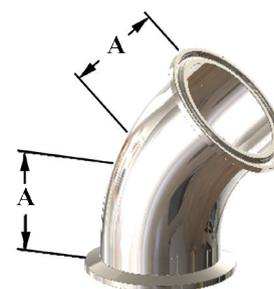
BPE Table #DT-13

45° Clamp x Clamp Elbows

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
½	25.400	T2KMP-050PL	T2KMP-050PM
¾	25.400	T2KMP-075PL	T2KMP-075PM
1	28.575	T2KMP-100PL	T2KMP-100PM
1½	36.525	T2KMP-150PL	T2KMP-150PM
2	44.450	T2KMP-200PL	T2KMP-200PM
2½	52.400	T2KMP-250PL	T2KMP-250PM
3	60.325	T2KMP-300PL	T2KMP-300PM
4	79.375	T2KMP-400PL	T2KMP-400PM
6	133.350	T2KMP-600PL	T2KMP-600PM

Price Group: DS

AV14



BPE Table #DT-17

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

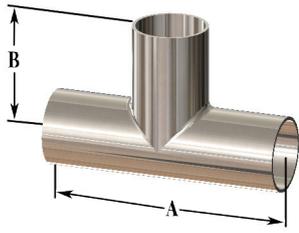
PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished



Weld x Weld x Weld Tees

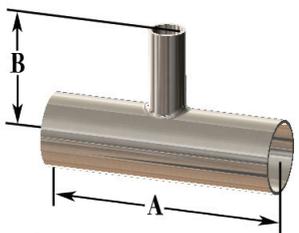


BPE Table #DT-9

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
1/2	95.250	47.625	T7WWW-050PL	T7WWW-050PM
3/4	101.600	50.800	T7WWW-075PL	T7WWW-075PM
1	107.950	53.975	T7WWW-100PL	T7WWW-100PM
1 1/2	120.650	60.325	T7WWW-150PL	T7WWW-150PM
2	146.050	73.025	T7WWW-200PL	T7WWW-200PM
2 1/2	158.750	79.375	T7WWW-250PL	T7WWW-250PM
3	171.450	85.725	T7WWW-300PL	T7WWW-300PM
4	209.550	104.775	T7WWW-400PL	T7WWW-400PM
6	285.750	142.875	T7WWW-600PL	T7WWW-600PM

Price Group: DS
AV14

Weld x Weld x Weld Reducing Tees

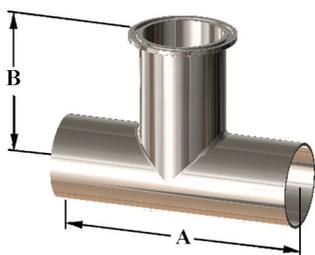


BPE Table #DT-10

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
3/4 x 1/2	101.60	50.800	T7RWWW-075050PL	T7RWWW-075050PM
1 x 1/2	107.95	53.975	T7RWWW-100050PL	T7RWWW-100050PM
1 x 3/4	107.95	53.975	T7RWWW-100075PL	T7RWWW-100075PM
1 1/2 x 1/2	120.65	60.325	T7RWWW-150050PL	T7RWWW-150050PM
1 1/2 x 3/4	120.65	60.325	T7RWWW-150075PL	T7RWWW-150075PM
1 1/2 x 1	120.65	60.325	T7RWWW-150100PL	T7RWWW-150100PM
2 x 1/2	146.05	66.675	T7RWWW-200050PL	T7RWWW-200050PM
2 x 3/4	146.05	66.675	T7RWWW-200075PL	T7RWWW-200075PM
2 x 1	146.05	66.675	T7RWWW-200100PL	T7RWWW-200100PM
2 x 1 1/2	146.05	66.675	T7RWWW-200150PL	T7RWWW-200150PM
2 1/2 x 3/4	158.75	73.025	T7RWWW-250075PL	T7RWWW-250075PM
2 1/2 x 1	158.75	73.025	T7RWWW-250100PL	T7RWWW-250100PM
2 1/2 x 1 1/2	158.75	73.025	T7RWWW-250150PL	T7RWWW-250150PM
2 1/2 x 2	158.75	73.025	T7RWWW-250200PL	T7RWWW-250200PM
3 x 1/2	171.45	79.375	T7RWWW-300050PL	T7RWWW-300050PM
3 x 3/4	171.45	79.375	T7RWWW-300075PL	T7RWWW-300075PM
3 x 1	171.45	79.375	T7RWWW-300100PL	T7RWWW-300100PM
3 x 1 1/2	171.45	79.375	T7RWWW-300150PL	T7RWWW-300150PM
3 x 2	171.45	79.375	T7RWWW-300200PL	T7RWWW-300200PM
3 x 2 1/2	171.45	79.375	T7RWWW-300250PL	T7RWWW-300250PM
4 x 1/2	209.55	92.075	T7RWWW-400050PL	T7RWWW-400050PM
4 x 3/4	209.55	92.075	T7RWWW-400075PL	T7RWWW-400075PM
4 x 1	209.55	92.075	T7RWWW-400100PL	T7RWWW-400100PM
4 x 1 1/2	209.55	92.075	T7RWWW-400150PL	T7RWWW-400150PM
4 x 2	209.55	98.425	T7RWWW-400200PL	T7RWWW-400200PM
4 x 2 1/2	209.55	98.425	T7RWWW-400250PL	T7RWWW-400250PM
4 x 3	209.55	98.425	T7RWWW-400300PL	T7RWWW-400300PM
6 x 3	285.75	123.825	T7RWWW-600300PL	T7RWWW-600300PM
6 x 4	285.75	130.175	T7RWWW-600400PL	T7RWWW-600400PM

Price Group: DS
AV14

Weld x Weld x Clamp Tees



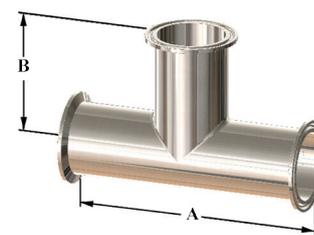
Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
1/2	95.250	57.150	T7WWM-050PL	T7WWM-050PM
3/4	101.600	60.325	T7WWM-075PL	T7WWM-075PM
1	107.950	66.675	T7WWM-100PL	T7WWM-100PM
1 1/2	120.650	73.025	T7WWM-150PL	T7WWM-150PM
2	146.050	85.725	T7WWM-200PL	T7WWM-200PM
2 1/2	158.750	92.075	T7WWM-250PL	T7WWM-250PM
3	171.450	98.425	T7WWM-300PL	T7WWM-300PM
4	209.550	120.650	T7WWM-400PL	T7WWM-400PM
6	285.750	180.975	T7WWM-600PL	---

Price Group: DS
AV14



Clamp x Clamp x Clamp Tees

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½	114.300	57.150	T7MP-050PL	T7MP-050PM
¾	120.650	60.325	T7MP-075PL	T7MP-075PM
1	133.350	66.675	T7MP-100PL	T7MP-100PM
1½	146.050	73.025	T7MP-150PL	T7MP-150PM
2	171.450	85.725	T7MP-200PL	T7MP-200PM
2½	184.150	92.075	T7MP-250PL	T7MP-250PM
3	196.850	98.425	T7MP-300PL	T7MP-300PM
4	241.300	120.650	T7MP-400PL	T7MP-400PM
6	361.950	180.975	T7MP-600PL	T7MP-600PM



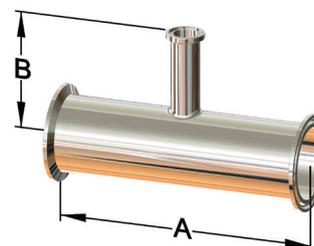
BPE Table #DT-18

Price Group: DS

AV14

Clamp x Clamp x Clamp Reducing Tees

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
¾ x ½	127.00	63.500	T7RMP-075050PL	T7RMP-075050PM
1 x ½	133.35	66.675	T7RMP-100050PL	T7RMP-100050PM
1 x ¾	133.35	66.675	T7RMP-100075PL	T7RMP-100075PM
1½ x ½	146.05	73.025	T7RMP-150050PL	T7RMP-150050PM
1½ x ¾	146.05	73.025	T7RMP-150075PL	T7RMP-150075PM
1½ x 1	146.05	73.025	T7RMP-150100PL	T7RMP-150100PM
2 x ½	171.45	79.375	T7RMP-200050PL	T7RMP-200050PM
2 x ¾	171.45	79.375	T7RMP-200075PL	T7RMP-200075PM
2 x 1	171.45	79.375	T7RMP-200100PL	T7RMP-200100PM
2 x 1½	171.45	79.375	T7RMP-200150PL	T7RMP-200150PM
2½ x ½	184.15	85.725	T7RMP-250050PL	T7RMP-250050PM
2½ x ¾	184.15	85.725	T7RMP-250075PL	T7RMP-250075PM
2½ x 1	184.15	85.725	T7RMP-250100PL	T7RMP-250100PM
2½ x 1½	184.15	85.725	T7RMP-250150PL	T7RMP-250150PM
2½ x 2	184.15	85.725	T7RMP-250200PL	T7RMP-250200PM
3 x ½	196.85	92.075	T7RMP-300050PL	T7RMP-300050PM
3 x ¾	196.85	92.075	T7RMP-300075PL	T7RMP-300075PM
3 x 1	196.85	92.075	T7RMP-300100PL	T7RMP-300100PM
3 x 1½	196.85	92.075	T7RMP-300150PL	T7RMP-300150PM
3 x 2	196.85	92.075	T7RMP-300200PL	T7RMP-300200PM
3 x 2½	196.85	92.075	T7RMP-300250PL	T7RMP-300250PM
4 x ½	241.30	104.775	T7RMP-400050PL	T7RMP-400050PM
4 x ¾	241.30	104.775	T7RMP-400075PL	T7RMP-400075PM
4 x 1	241.30	104.775	T7RMP-400100PL	T7RMP-400100PM
4 x 1½	241.30	104.775	T7RMP-400150PL	T7RMP-400150PM
4 x 2	241.30	104.775	T7RMP-400200PL	T7RMP-400200PM
4 x 2½	241.30	104.775	T7RMP-400250PL	T7RMP-400250PM
4 x 3	241.30	104.775	T7RMP-400300PL	T7RMP-400300PM
6 x 3	361.95	136.525	T7RMP-600300PL	T7RMP-600300PM
6 x 4	361.95	146.050	T7RMP-600400PL	T7RMP-600400PM



BPE Table #DT-19

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

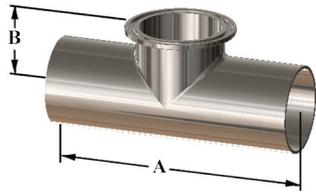
PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished



Weld x Weld x Clamp Short Outlet Tees



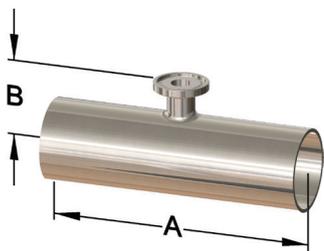
BPE Table #DT-15

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½	95.250	25.400	T7WWMS-050PL	T7WWMS-050PM
¾	101.600	28.575	T7WWMS-075PL	T7WWMS-075PM
1	107.950	28.575	T7WWMS-100PL	T7WWMS-100PM
1½	120.650	34.925	T7WWMS-150PL	T7WWMS-150PM
2	146.050	41.275	T7WWMS-200PL	T7WWMS-200PM
2½	158.750	47.625	T7WWMS-250PL	T7WWMS-250PM
3	171.450	53.975	T7WWMS-300PL	T7WWMS-300PM
4	209.550	69.850	T7WWMS-400PL	T7WWMS-400PM
6	285.750	117.475	T7WWMS-600PL	T7WWMS-600PM

Price Group: DS

AV14

Weld x Weld x Clamp Short Outlet Reducing Tees



BPE Table #DT-14

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
¾ x ½	101.60	25.400	T7RWWMS-075050PL	T7RWWMS-075050PM
1 x ½	107.95	28.575	T7RWWMS-100050PL	T7RWWMS-100050PM
1 x ¾	107.95	28.575	T7RWWMS-100075PL	T7RWWMS-100075PM
1½ x ½	120.65	34.925	T7RWWMS-150050PL	T7RWWMS-150050PM
1½ x ¾	120.65	34.925	T7RWWMS-150075PL	T7RWWMS-150075PM
1½ x 1	120.65	34.925	T7RWWMS-150100PL	T7RWWMS-150100PM
2 x ½	146.05	41.275	T7RWWMS-200050PL	T7RWWMS-200050PM
2 x ¾	146.05	41.275	T7RWWMS-200075PL	T7RWWMS-200075PM
2 x 1	146.05	41.275	T7RWWMS-200100PL	T7RWWMS-200100PM
2 x 1½	146.05	41.275	T7RWWMS-200150PL	T7RWWMS-200150PM
2½ x ½	158.75	47.625	T7RWWMS-250050PL	T7RWWMS-250050PM
2½ x ¾	158.75	47.625	T7RWWMS-250075PL	T7RWWMS-250075PM
2½ x 1	158.75	47.625	T7RWWMS-250100PL	T7RWWMS-250100PM
2½ x 1½	158.75	47.625	T7RWWMS-250150PL	T7RWWMS-250150PM
2½ x 2	158.75	47.625	T7RWWMS-250200PL	T7RWWMS-250200PM
3 x ½	171.45	53.975	T7RWWMS-300050PL	T7RWWMS-300050PM
3 x ¾	171.45	53.975	T7RWWMS-300075PL	T7RWWMS-300075PM
3 x 1	171.45	53.975	T7RWWMS-300100PL	T7RWWMS-300100PM
3 x 1½	171.45	53.975	T7RWWMS-300150PL	T7RWWMS-300150PM
3 x 2	171.45	53.975	T7RWWMS-300200PL	T7RWWMS-300200PM
3 x 2½	171.45	53.975	T7RWWMS-300250PL	T7RWWMS-300250PM
4 x ½	209.55	66.675	T7RWWMS-400050PL	T7RWWMS-400050PM
4 x ¾	209.55	66.675	T7RWWMS-400075PL	T7RWWMS-400075PM
4 x 1	209.55	66.675	T7RWWMS-400100PL	T7RWWMS-400100PM
4 x 1½	209.55	66.675	T7RWWMS-400150PL	T7RWWMS-400150PM
4 x 2	209.55	66.675	T7RWWMS-400200PL	T7RWWMS-400200PM
4 x 2½	209.55	66.675	T7RWWMS-400250PL	T7RWWMS-400250PM
4 x 3	209.55	66.675	T7RWWMS-400300PL	T7RWWMS-400300PM
6 x 3	285.75	92.075	T7RWWMS-600300PL	T7RWWMS-600300PM
6 x 4	285.75	95.250	T7RWWMS-600400PL	T7RWWMS-600400PM

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish - SF4

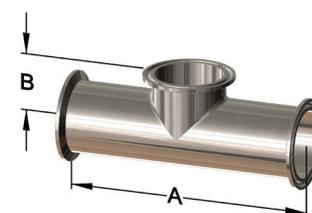
OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished



Clamp x Clamp x Clamp Short Outlet Tees

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½	114.30	25.400	T7MPS-050PL	T7MPS-050PM
¾	120.65	28.575	T7MPS-075PL	T7MPS-075PM
1	133.35	28.575	T7MPS-100PL	T7MPS-100PM
1½	146.05	34.925	T7MPS-150PL	T7MPS-150PM
2	171.45	41.275	T7MPS-200PL	T7MPS-200PM
2½	184.15	47.625	T7MPS-250PL	T7MPS-250PM
3	196.85	53.975	T7MPS-300PL	T7MPS-300PM
4	241.30	69.850	T7MPS-400PL	T7MPS-400PM
6	361.95	117.475	T7MPS-600PL	T7MPS-600PM

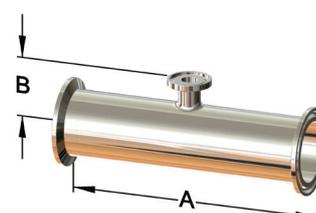


BPE Table #DT-27

Price Group: DS
AV14

Clamp x Clamp x Clamp Short Outlet Reducing Tees

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
¾ x ½	127.000	25.400	T7RMPS-075050PL	T7RMPS-075050PM
1 x ½	130.175	28.575	T7RMPS-100050PL	T7RMPS-100050PM
1 x ¾	130.175	28.575	T7RMPS-100075PL	T7RMPS-100075PM
1½ x ½	146.050	34.925	T7RMPS-150050PL	T7RMPS-150050PM
1½ x ¾	146.050	34.925	T7RMPS-150075PL	T7RMPS-150075PM
1½ x 1	146.050	34.925	T7RMPS-150100PL	T7RMPS-150100PM
2 x ½	171.450	41.275	T7RMPS-200050PL	T7RMPS-200050PM
2 x ¾	171.450	41.275	T7RMPS-200075PL	T7RMPS-200075PM
2 x 1	171.450	41.275	T7RMPS-200100PL	T7RMPS-200100PM
2 x 1½	171.450	41.275	T7RMPS-200150PL	T7RMPS-200150PM
2½ x ½	184.150	47.625	T7RMPS-250050PL	T7RMPS-250050PM
2½ x ¾	184.150	47.625	T7RMPS-250075PL	T7RMPS-250075PM
2½ x 1	184.150	47.625	T7RMPS-250100PL	T7RMPS-250100PM
2½ x 1½	184.150	47.625	T7RMPS-250150PL	T7RMPS-250150PM
2½ x 2	184.150	47.625	T7RMPS-250200PL	T7RMPS-250200PM
3 x ½	196.850	53.975	T7RMPS-300050PL	T7RMPS-300050PM
3 x ¾	196.850	53.975	T7RMPS-300075PL	T7RMPS-300075PM
3 x 1	196.850	53.975	T7RMPS-300100PL	T7RMPS-300100PM
3 x 1½	196.850	53.975	T7RMPS-300150PL	T7RMPS-300150PM
3 x 2	196.850	53.975	T7RMPS-300200PL	T7RMPS-300200PM
3 x 2½	196.850	53.975	T7RMPS-300250PL	T7RMPS-300250PM
4 x ½	241.300	66.675	T7RMPS-400050PL	T7RMPS-400050PM
4 x ¾	241.300	66.675	T7RMPS-400075PL	T7RMPS-400075PM
4 x 1	241.300	66.675	T7RMPS-400100PL	T7RMPS-400100PM
4 x 1½	241.300	66.675	T7RMPS-400150PL	T7RMPS-400150PM
4 x 2	241.300	66.675	T7RMPS-400200PL	T7RMPS-400200PM
4 x 2½	241.300	66.675	T7RMPS-400250PL	T7RMPS-400250PM
4 x 3	241.300	66.675	T7RMPS-400300PL	T7RMPS-400300PM
6 x 3	361.950	92.075	T7RMPS-600300PL	T7RMPS-600300PM
6 x 4	361.950	95.250	T7RMPS-600400PL	T7RMPS-600400PM

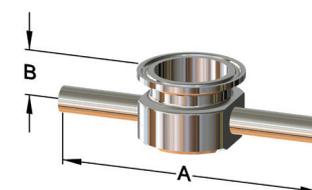


BPE Table #DT-20

Price Group: DS
AV14

Weld x Weld x Clamp Instrument Tees

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½ x 1½	127.00	22.225	T7IWWMS050150PL	T7IWWMS050150PM
¾ x 1½	127.00	25.400	T7IWWMS075150PL	T7IWWMS075150PM
1 x 1½	127.00	28.575	T7IWWMS100150PL	T7IWWMS100150PM
½ x 2	139.70	25.400	T7IWWMS050200PL	T7IWWMS050200PM
¾ x 2	139.70	28.575	T7IWWMS075200PL	T7IWWMS075200PM
1 x 2	139.70	31.750	T7IWWMS100200PL	T7IWWMS100200PM
1½ x 2	139.70	38.100	T7IWWMS150200PL	T7IWWMS150200PM

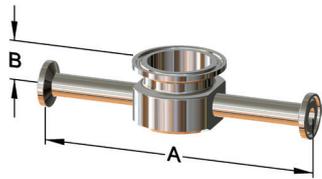


BPE Table #DT-28

Price Group: DS
AV14



Clamp x Clamp x Clamp Instrument Tees

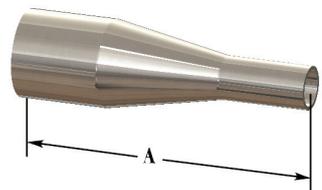


BPE Table #DT-29

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½ x 1½	152.40	22.225	T7IMPS-050150PL	T7IMPS-050150PM
¾ x 1½	152.40	25.400	T7IMPS-075150PL	T7IMPS-075150PM
1 x 1½	152.40	28.575	T7IMPS-100150PL	T7IMPS-100150PM
½ x 2	165.10	25.400	T7IMPS-050200PL	T7IMPS-050200PM
¾ x 2	165.10	28.575	T7IMPS-075200PL	T7IMPS-075200PM
1 x 2	165.10	31.750	T7IMPS-100200PL	T7IMPS-100200PM
1½ x 2	165.10	38.100	T7IMPS150200PL	T7IMPS150200PM

Price Group: DS
AV14

Weld x Weld Concentric Reducers



BPE Table #DT-11

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	101.60	T31W-075050PL	T31W-075050PM
1 x ½	114.30	T31W-100050PL	T31W-100050PM
1 x ¾	101.60	T31W-100075PL	T31W-100075PM
1½ x ½	139.70	T31W-150050PL	T31W-150050PM
1½ x ¾	127.00	T31W-150075PL	T31W-150075PM
1½ x 1	127.00	T31W-150100PL	T31W-150100PM
2 x ½	196.85	T31W-200050PL	T31W-200050PM
2 x ¾	184.15	T31W-200075PL	T31W-200075PM
2 x 1	184.15	T31W-200100PL	T31W-200100PM
2 x 1½	133.35	T31W-200150PL	T31W-200150PM
2½ x ½	247.65	T31W-250050PL	T31W-250050PM
2½ x ¾	234.95	T31W-250075PL	T31W-250075PM
2½ x 1	234.95	T31W-250100PL	T31W-250100PM
2½ x 1½	184.15	T31W-250150PL	T31W-250150PM
2½ x 2	139.70	T31W-250200PL	T31W-250200PM
3 x 1	285.75	T31W-300100PL	T31W-300100PM
3 x 1½	234.95	T31W-300150PL	T31W-300150PM
3 x 2	190.50	T31W-300200PL	T31W-300200PM
3 x 2½	139.70	T31W-300250PL	T31W-300250PM
4 x 1	393.70	T31W-400100PL	T31W-400100PM
4 x 1½	342.90	T31W-400150PL	T31W-400150PM
4 x 2	298.45	T31W-400200PL	T31W-400200PM
4 x 2½	247.65	T31W-400250PL	T31W-400250PM
4 x 3	196.85	T31W-400300PL	T31W-400300PM
6 x 3	254.00	T31W-600300PL	T31W-600300PM
6 x 4	254.00	T31W-600400PL	T31W-600400PM

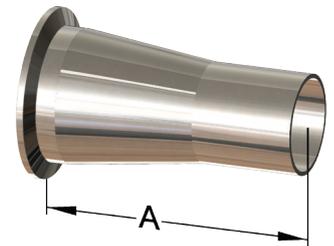
Price Group: DS
AV14

Note: Not all sizes and finishes are stocked.
 PL Finish - SF1
 OD = 32R_a Mechanically Polished
 ID = 20R_a Mechanically Polished

PM Finish - SF4
 OD = 32R_a Mechanically Polished
 ID = 15R_a Mechanically Polished & Electropolished

Clamp x Weld Concentric Reducers

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	76.200	T31M-075050PL	T31M-075050PM
1 x ½	88.900	T31M-100050PL	T31M-100050PM
1 x ¾	76.200	T31M-100075PL	T31M-100075PM
1½ x ½	114.300	T31M-150050PL	T31M-150050PM
1½ x ¾	101.600	T31M-150075PL	T31M-150075PM
1½ x 1	101.600	T31M-150100PL	T31M-150100PM
2 x ½	165.100	T31M-200050PL	T31M-200050PM
2 x ¾	152.400	T31M-200075PL	T31M-200075PM
2 x 1	152.400	T31M-200100PL	T31M-200100PM
2 x 1½	101.600	T31M-200150PL	T31M-200150PM
2½ x ½	215.900	T31M-250050PL	T31M-250050PM
2½ x ¾	203.200	T31M-250075PL	T31M-250075PM
2½ x 1	203.200	T31M-250100PL	T31M-250100PM
2½ x 1½	152.400	T31M-250150PL	T31M-250150PM
2½ x 2	107.950	T31M-250200PL	T31M-250200PM
3 x 1	254.000	T31M-300100PL	T31M-300100PM
3 x 1½	203.200	T31M-300150PL	T31M-300150PM
3 x 2	158.750	T31M-300200PL	T31M-300200PM
3 x 2½	107.950	T31M-300250PL	T31M-300250PM
4 x 1	358.775	T31M-400100PL	T31M-400100PM
4 x 1½	307.975	T31M-400150PL	T31M-400150PM
4 x 2	263.525	T31M-400200PL	T31M-400200PM
4 x 2½	212.725	T31M-400250PL	T31M-400250PM
4 x 3	161.925	T31M-400300PL	T31M-400300PM
6 x 3	228.600	T31M-600300PL	T31M-600300PM
6 x 4	228.600	T31M-600400PL	T31M-600400PM



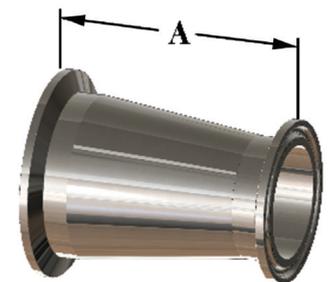
BPE Table #DT-26

Price Group: DS

AV14

Clamp x Clamp Concentric Reducers

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	50.800	T3114MP075050PL	T3114MP075050PM
1 x ½	63.500	T3114MP100050PL	T3114MP100050PM
1 x ¾	50.800	T3114MP100075PL	T3114MP100075PM
1½ x ½	88.900	T3114MP150050PL	T3114MP150050PM
1½ x ¾	76.200	T3114MP150075PL	T3114MP150075PM
1½ x 1	76.200	T3114MP150100PL	T3114MP150100PM
2 x ½	139.700	T3114MP200050PL	T3114MP200050PM
2 x ¾	127.000	T3114MP200075PL	T3114MP200075PM
2 x 1	127.000	T3114MP200100PL	T3114MP200100PM
2 x 1½	76.200	T3114MP200150PL	T3114MP200150PM
2½ x ½	190.500	T3114MP250050PL	T3114MP250050PM
2½ x ¾	177.800	T3114MP250075PL	T3114MP250075PM
2½ x 1	177.800	T3114MP250100PL	T3114MP250100PM
2½ x 1½	127.000	T3114MP250150PL	T3114MP250150PM
2½ x 2	76.200	T3114MP250200PL	T3114MP250200PM
3 x 1	228.600	T3114MP300100PL	T3114MP300100PM
3 x 1½	177.800	T3114MP300150PL	T3114MP300150PM
3 x 2	127.000	T3114MP300200PL	T3114MP300200PM
3 x 2½	76.200	T3114MP300250PL	T3114MP300250PM
4 x 1	333.375	T3114MP400100PL	T3114MP400100PM
4 x 1½	282.575	T3114MP400150PL	T3114MP400150PM
4 x 2	231.775	T3114MP400200PL	T3114MP400200PM
4 x 2½	180.975	T3114MP400250PL	T3114MP400250PM
4 x 3	130.175	T3114MP400300PL	T3114MP400300PM
6 x 3	193.675	T3114MP600300PL	T3114MP600300PM
6 x 4	193.675	T3114MP600400PL	T3114MP600400PM



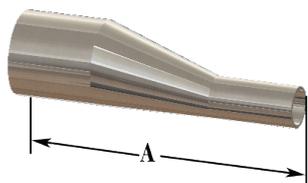
BPE Table #DT-21

Price Group: DS

AV14



Weld x Weld Eccentric Reducers



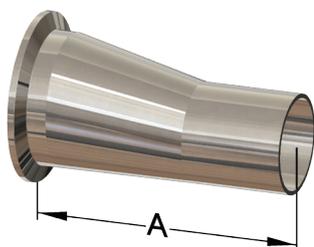
BPE Table #DT-11

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	101.60	T32W-075050PL	T32W-075050PM
1 x ½	114.30	T32W-100050PL	T32W-100050PM
1 x ¾	101.60	T32W-100075PL	T32W-100075PM
1½ x ½	139.70	T32W-150050PL	T32W-150050PM
1½ x ¾	127.00	T32W-150075PL	T32W-150075PM
1½ x 1	127.00	T32W-150100PL	T32W-150100PM
2 x ½	196.85	T32W-200050PL	T32W-200050PM
2 x ¾	184.15	T32W-200075PL	T32W-200075PM
2 x 1	184.15	T32W-200100PL	T32W-200100PM
2 x 1½	133.35	T32W-200150PL	T32W-200150PM
2½ x ½	247.65	T32W-250050PL	---
2½ x ¾	234.95	T32W-250075PL	---
2½ x 1	234.95	T32W-250100PL	T32W-250100PM
2½ x 1½	184.15	T32W-250150PL	T32W-250150PM
2½ x 2	139.70	T32W-250200PL	T32W-250200PM
3 x 1	285.75	T32W-300100PL	T32W-300100PM
3 x 1½	234.95	T32W-300150PL	T32W-300150PM
3 x 2	190.50	T32W-300200PL	T32W-300200PM
3 x 2½	139.70	T32W-300250PL	T32W-300250PM
4 x 1	393.70	T32W-400100PL	T32W-400100PM
4 x 1½	342.90	T32W-400150PL	T32W-400150PM
4 x 2	298.45	T32W-400200PL	T32W-400200PM
4 x 2½	247.65	T32W-400250PL	T32W-400250PM
4 x 3	196.85	T32W-400300PL	T32W-400300PM
6 x 3	247.65	T32W-600300PL	T32W-600300PM
6 x 4	254.00	T32W-600400PL	T32W-600400PM

Price Group: DS

AV14

Clamp x Weld Eccentric Reducers



BPE Table #DT-26

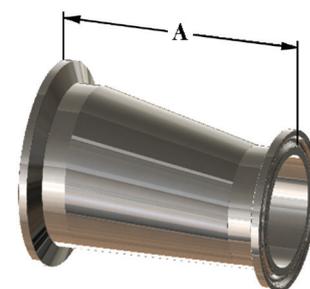
Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	76.200	T32M-075050PL	T32M-075050PM
1 x ½	88.900	T32M-100050PL	T32M-100050PM
1 x ¾	76.200	T32M-100075PL	T32M-100075PM
1½ x ½	114.300	T32M-150050PL	T32M-150050PM
1½ x ¾	101.600	T32M-150075PL	T32M-150075PM
1½ x 1	101.600	T32M-150100PL	T32M-150100PM
2 x ½	165.100	T32M-200050PL	T32M-200050PM
2 x ¾	152.400	T32M-200075PL	T32M-200075PM
2 x 1	152.400	T32M-200100PL	T32M-200100PM
2 x 1½	101.600	T32M-200150PL	T32M-200150PM
2½ x ½	215.900	T32M-250050PL	T32M-250050PM
2½ x ¾	203.200	T32M-250075PL	T32M-250075PM
2½ x 1	203.200	T32M-250100PL	T32M-250100PM
2½ x 1½	152.400	T32M-250150PL	T32M-250150PM
2½ x 2	107.950	T32M-250200PL	T32M-250200PM
3 x 1	254.000	T32M-300100PL	T32M-300100PM
3 x 1½	203.200	T32M-300150PL	T32M-300150PM
3 x 2	158.750	T32M-300200PL	T32M-300200PM
3 x 2½	107.950	T32M-300250PL	T32M-300250PM
4 x 1	358.775	T32M-400100PL	T32M-400100PM
4 x 1½	307.975	T32M-400150PL	T32M-400150PM
4 x 2	263.525	T32M-400200PL	T32M-400200PM
4 x 2½	212.725	T32M-400250PL	T32M-400250PM
4 x 3	161.925	T32M-400300PL	T32M-400300PM
6 x 3	222.250	T32M-600300PL	T32M-600300PM
6 x 4	228.600	T32M-600400PL	---

Price Group: DS

AV14

Clamp x Clamp Eccentric Reducers

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
¾ x ½	101.60	T3214MP075050PL	T3214MP075050PM
1 x ½	114.30	T3214MP100050PL	T3214MP100050PM
1 x ¾	101.60	T3214MP100075PL	T3214MP100075PM
1½ x ½	139.70	T3214MP150050PL	T3214MP150050PM
1½ x ¾	127.00	T3214MP150075PL	T3214MP150075PM
1½ x 1	127.00	T3214MP150100PL	T3214MP150100PM
2 x ½	196.85	T3214MP200050PL	T3214MP200050PM
2 x ¾	184.15	T3214MP200075PL	T3214MP200075PM
2 x 1	184.15	T3214MP200100PL	T3214MP200100PM
2 x 1½	133.35	T3214MP200150PL	T3214MP200150PM
2½ x ½	247.65	T3214MP250050PL	T3214MP250050PM
2½ x ¾	234.95	T3214MP250075PL	T3214MP250075PM
2½ x 1	234.95	T3214MP250100PL	T3214MP250100PM
2½ x 1½	184.15	T3214MP250150PL	T3214MP250150PM
2½ x 2	139.70	T3214MP250200PL	T3214MP250200PM
3 x 1	285.75	T3214MP300100PL	T3214MP300100PM
3 x 1½	234.95	T3214MP300150PL	T3214MP300150PM
3 x 2	190.50	T3214MP300200PL	T3214MP300200PM
3 x 2½	139.70	T3214MP300250PL	T3214MP300250PM
4 x 1	393.70	T3214MP400100PL	T3214MP400100PM
4 x 1½	342.90	T3214MP400150PL	T3214MP400150PM
4 x 2	298.45	T3214MP400200PL	T3214MP400200PM
4 x 2½	247.65	T3214MP400250PL	T3214MP400250PM
4 x 3	196.85	T3214MP400300PL	T3214MP400300PM
6 x 3	190.50	T3214MP600300PL	T3214MP600300PM
6 x 4	254.00	T3214MP600400PL	T3214MP600400PM



BPE Table #DT-21

Price Group: DS

AV14

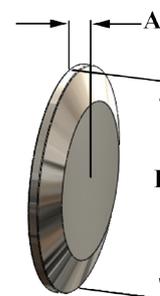
Solid End Caps

Size (inch)	A (mm)	B (mm)	PL Finish - SF1	PM Finish - SF4
			Part No.	Part No.
½-¾	4.826	25.400	T16AMP-050075PL	T16AMP-050075PM
1-1½	6.350	50.546	T16AMP-100150PL	T16AMP-100150PM
2	6.350	64.008	T16AMP-200PL	T16AMP-200PM
2½	6.350	77.470	T16AMP-250PL	T16AMP-250PM
3	6.350	90.932	T16AMP-300PL	T16AMP-300PM
4	7.874	119.126	T16AMP-400PL	T16AMP-400PM
6	11.176	166.624	T16AMP-600PL	T16AMP-600PM

BPE Table #DT-31

Price Group: DS

AV14

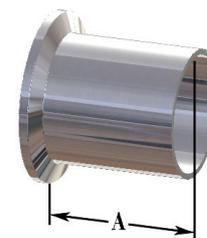


Auto Weld Ferrules

Size (inch)	A (mm)	PL Finish - SF1	PM Finish - SF4
		Part No.	Part No.
½	44.45	TL14AM7-050PL	TL14AM7-050PM
¾	44.45	TL14AM7-075PL	TL14AM7-075PM
1	44.45	TL14AM7-100PL	TL14AM7-100PM
1½	44.45	TL14AM7-150PL	TL14AM7-150PM
2	57.15	TL14AM7-200PL	TL14AM7-200PM
2½	57.15	TL14AM7-250PL	TL14AM7-250PM
3	57.15	TL14AM7-300PL	TL14AM7-300PM
4	57.15	TL14AM7-400PL	TL14AM7-400PM
6	76.20	TL14AM7-600PL	TL14AM7-600PM

Price Group: DS

AV14



BPE Table #DT-22

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

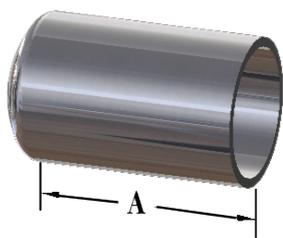
PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished



Weld Caps

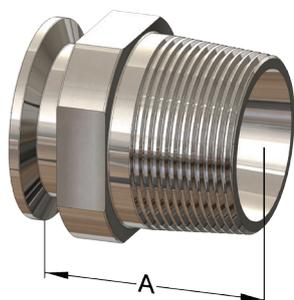


BPE Table #DT-30

Size (inch)	A (mm)	PL Finish - SF1		PM Finish - SF4	
		Part No.		Part No.	
½	38.10	T16W-050PL		T16W-050PM	
¾	38.10	T16W-075PL		T16W-075PM	
1	38.10	T16W-100PL		T16W-100PM	
1½	38.10	T16W-150PL		T16W-150PM	
2	38.10	T16W-200PL		T16W-200PM	
2½	38.10	T16W-250PL		T16W-250PM	
3	38.10	T16W-300PL		T16W-300PM	
4	50.80	T16W-400PL		T16W-400PM	
6	63.50	T16W-600PL		T16W-600PM	

Price Group: DS
AV14

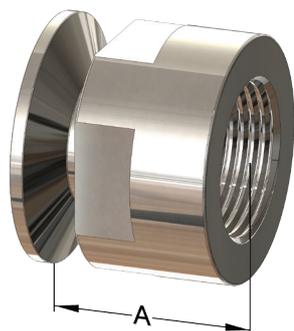
Clamp Adaptor x Male NPT



Size (inch)	A (mm)	PL Finish - SF1	
		Part No.	
½ x ¼	50.800	T21MP-050025PL	
½ x ⅜	50.800	T21MP-050375PL	
½	41.275	T21MP-050PL	
½ x ¾	50.800	T21MP-050075PL	
¾ x ¼	50.800	T21MP-075025PL	
¾ x ½	50.800	T21MP-075050PL	
¾	57.150	T21MP-075PL	
1	57.150	T21MP-100PL	
1½	57.150	T21MP-150PL	
2	67.005	T21MP-200PL	
2½	73.025	T21MP-250PL	
3	77.978	T21MP-300PL	
4	80.137	T21MP-400PL	

Price Group: DS
AV14

Clamp Adaptor x Female NPT



Size (inch)	A (mm)	PL Finish - SF1	
		Part No.	
½ x ¼	38.100	T22MP-050025PL	
½ x ⅜	38.100	T22MP-050375PL	
½	38.100	T22MP-050PL	
½ x ¾	38.100	T22MP-050075PL	
¾ x ¼	38.100	T22MP-075025PL	
¾ x ⅜	38.100	T22MP-075375PL	
¾ x ½	41.275	T22MP-075050PL	
¾	41.275	T22MP-075PL	
1	41.275	T22MP-100PL	
1½	57.150	T22MP-150PL	
2	61.112	T22MP-200PL	
2½	55.550	T22MP-250PL	
3	55.550	T22MP-300PL	
4	92.761	T22MP-400PL	

Price Group: DS
AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished

Technical Specifications

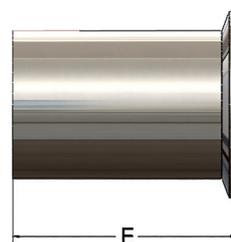
Final Tolerances For Mechanically Polished Fittings and Process Components All Fittings Comply With ASME BPE-2009 - Table DT-5-1						
Nominal Size (inch)	OD	Wall Thickness	Squareness Face to Tangent (B)	Off Angle (O)	Tolerance on End-to-End (E) & Centre-to-End (A)	Off Plane (P)
½	±0.005	±0.005/-0.008	0.005	0.014	0.050	0.030
¾	±0.005	±0.005/-0.008	0.005	0.018	0.050	0.030
1	±0.005	±0.005/-0.008	0.008	0.025	0.050	0.030
1½	±0.008	±0.005/-0.008	0.008	0.034	0.050	0.050
2	±0.008	±0.005/-0.008	0.008	0.043	0.050	0.050
2½	±0.010	±0.005/-0.008	0.010	0.054	0.050	0.050
3	±0.010	±0.005/-0.008	0.016	0.068	0.050	0.050
4	±0.015	±0.008/-0.010	0.016	0.086	0.050	0.060



Squareness to Face



Off Angle



End-to-End



Off Plane



Off Angle



Centre-to-End



Technical Specifications

Weld End Chemical Analysis (%) per ASME BPE 2009 Table DT-3

Element	C	Mn	P	S	Si	Cr	Ni	Mo
Minimum	-	-	-	0.005	-	16.00	10.00	2.00
Maximum	0.030	2.00	0.045	0.017	1.00	18.00	15.00	3.00

BPE Surface Finish Requirements (SF-3)

Surface Designation	Mechanically Polished ID and OD		Dixon Sanitary High Purity Code
	R _a Maximum		
	ID μ-m	OD μ-m	
SF0	no finish requirement	no finish requirement	
SF1	0.508	0.812	PL
SF2	0.635	0.812	
SF3	0.762	0.812	
Surface Designation	Electro Polished ID and Mechanically Polished OD		Dixon Sanitary High Purity Code
	R _a Maximum		
	ID μ-m	OD μ-m	
SF4	0.381	0.812	PM
SF5	0.508	0.812	
SF6	0.635	0.812	

Acceptance Criteria for Stainless Steel Mechanically Polished Product Contact Surface Finishes

Anomaly or Indication	Acceptance Criteria
Pits	<ul style="list-style-type: none"> If diameter <0.020" and bottom is shiny [Notes (2) and (4)] Pits <0.003" Diameter is irrelevant and acceptable
Cluster of Pits	<ul style="list-style-type: none"> No more than 4 pits per each ½" x ½" inspection window The cumulative total of all relevant pits shall not exceed 0.040"
Dents	<ul style="list-style-type: none"> None accepted [note (1)]
Finishing Marks	<ul style="list-style-type: none"> If R_a maximum is met
Welds	<ul style="list-style-type: none"> As welded shall meet requirements of MJ-6, if welds are finished, then shall be smooth and blended
Nicks	<ul style="list-style-type: none"> None accepted
Scratches	<ul style="list-style-type: none"> For tubing, if cumulative length is <12.0" per 20' tube length or prorated and if depth is <0.003" For fittings, valves, and other process components, if length is <0.25" cumulatively, depth <0.003" and R_a maximum is met For vessels, if length <0.50" at 0.003 depth and if <3 per inspection window [Note (3)]
Surface Cracks	<ul style="list-style-type: none"> None accepted
Surface Inclusions	<ul style="list-style-type: none"> If R_a maximum is met
Surface Residuals	<ul style="list-style-type: none"> None accepted, visual inspection
Surface Roughness (R _a)	<ul style="list-style-type: none"> See Table SF-3 (see above)
Weld Slag	<ul style="list-style-type: none"> For tubing, up to 3 per 20' length or prorated, if <75% of the width of the weld bead For fittings, valves, vessels, and other process components, none accepted As welded shall meet the requirements of MJ-6 and Table MJ-3
Porosity	<ul style="list-style-type: none"> None open to the surface

Notes:

- For vessels, dents in the area covered by and resulting from welding dimple heat transfer jackets are acceptable.
- Black bottom pit of any depth is not acceptable.
- An inspection window is defined as an area 4" x 4".
- Pits in super-austenitic and nickel alloys may exceed this value. Acceptance criteria for pit size shall be established by agreement between owner/user and manufacturer. All other pit criteria remain the same.

Packaging

Product markings per ASME BPE 2009 DT-14.1

- Dixon Sanitary
- Job number
- 316L
- Dixon Sanitary part number
- Heat number(s)
- Surface finish code
- ASME BPE

Per the specification, the size of the fitting may limit the space available for markings. When that occurs, the markings starting at the bottom of the list are not applied. The Dixon Sanitary part number will describe the part configuration and size.

MTR certifications are included inside the resealable bag with each fitting. The MTRs are traceable through the Job Number found on each fitting. All fittings are capped to prevent damage and contamination. For easy identification each finish will have a different colour cap.

Finish *	Colour Caps
PL/SF1	Blue
PM/SF4	White

Dixon Sanitary High Purity BioPharm Fittings

316L Stainless Steel Material Test Report

Job Number AA729

Part Number	Description	Size	Surface finish
T2S88-150PL	Automatic Weld 88° Elbow per Table DT-4.1.1-1	1½"	SF1 (20Ra)

Chemical analysis (%) per ASME BPE 2012 Table MM-2.1 and Section MM-5.1.1

Item	Heat number	C	Mn	P	S	Si	Cr	Ni	Mo	
		0.030	2.00	0.045	0.017	1.00	18.00	15.00	3.00	max.
1	96GK43	0.017	1.56	0.028	0.011	0.33	16.80	10.05	2.02	

Mechanical Test Results

Item	Yield Strength (0.2%), MPa	Tensile Strength, MPa	Elongation, %	Hardness, HRB	Specification
		170 minimum	485 minimum	35 minimum	
1	327	634	47.0	82	ASTM A269-10

Product of Thailand

We certify that the above is a true copy of the test results issued by the material supplier. This MTR conforms to EN10204-3.1. All fittings supplied by Dixon Sanitary conform to the requirements of the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).



Bruce Anderson
Technical Director

Dixon Sanitary
N25 W23040 Paul Rd.
Pewaukee, WI 53072
USA
800-789-1718
dixonvalve.com



The Right Connection®



BPE - Pharmaceutical Grade Tubing



Size (inch)	Wall Thickness (mm)	Length (mm)	PL Finish - SF1 ¹	
			Part No.	
½	1.65	6096	A270-050PL	
¾	1.65	6096	A270-075PL	
1	1.65	6096	A270-100PL	
1½	1.65	6096	A270-150PL	
2	1.65	6096	A270-200PL	
2½	1.65	6096	A270-250PL	
3	1.65	6096	A270-300PL	
4	2.11	6096	A270-400PL	

Price Group: DS
AV17

Size (inch)	Wall Thickness (mm)	Length (mm)	PM Finish - SF4 ²	
			Part No.	
½	1.65	6096	A270-050PM	
¾	1.65	6096	A270-075PM	
1	1.65	6096	A270-100PM	
1½	1.65	6096	A270-150PM	
2	1.65	6096	A270-200PM	
2½	1.65	6096	A270-250PM	
3	1.65	6096	A270-300PM	
4	2.11	6096	A270-400PM	

Price Group: DS
AV17

¹ SF1 - 316L ASTM A270-S2 ASME BPE welded tube
ID = 0.5µm R_a mechanical polish OD = 0.8µm R_a mechanical polish

² SF4 - 316L ASTM A270-S2 ASME BPE welded tube
ID = 0.25µm R_a electropolish OD = 0.8µm R_a mechanical polish

Note: Only sold in lengths. Non returnable.

Operating Pressures - 316 Stainless Steel Tube

Tube OD Size (inch)	Tube OD Size (mm)	Pressure (PSI) bar/kPA		
		Working	Yield	Burst
½	.065	3250	6500	19500
¾	.065	2167	4330	13000
1	.065	2280	3300	9100
1½	.065	1520	2200	6100
2	.065	1140	1600	4600
2½	.065	910	1300	3600
3	.065	760	1100	3000
4	.083	730	1000	2900
6	.109	635	900	2540

The pressures shown in the table above are valid using Barlow's Formula and the following properties:

- Material: 316L stainless steel
- Yield strength (PSI): **25,000 bar/kPA**
- Tensile strength (PSI): **70,000 bar/kPA**

Working Pressure = ¼ of burst pressure, these valid from **-28°C to 37°C (20°F to 100°F)**.

All MTRs will be supplied by tubing manufacturer.

Industrial Fittings - - - - -	81-97
Specifications and Design Information - - - - -	82
Camlocks - - - - -	83-89
Stainless Steel - - - - -	83-84
Polypropylene - - - - -	85-86
Nyglass - - - - -	87-88
Flow Boss™ Heavy Duty Washdown Gun - - - - -	89
Stainless Steel Screwed Pipe Fitting - - - - -	90-93
Clamp-It Band & Buckles - - - - -	94
Band Clamp Tools - - - - -	94
Band Clamps - - - - -	95
Mikalor Super Clamp - - - - -	96
H-Series - - - - -	97



Specifications and Design Information



Applications

The Dixon™ cam & groove coupling is a reliable quick connect coupling for use on hose, pipe, tubing, and tanks conveying a wide variety of liquids, dry bulk materials, and vapours including cooling water, fuels, chemicals, cosmetics, food products, adhesives, dyes, pharmaceuticals, pellets, and much more.

How does it work?

1. To make connection, slide the adaptor 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 arms and remove the adaptor.

The Dixon™ range of cam & groove (Camlock) couplers and adaptors are manufactured to interchange with all product produced to Commercial Item Description A-A 59326D, which supersedes Mil-C-27487. No standard exists for the ½" (15mm) and 8" (200mm) fittings and generally these sizes do not interchange with other manufacturers' products.

Pressure Ratings

Designed for use with liquids. Consult Dixon Asia Pacific for specific recommendations. Recommendations based on the use of mating Dixon™ fittings at ambient temperature 21°C (69°F) with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon™.

For Stainless Steel Camlocks:

Sizes (mm)	15	20-50	65	75	100	125-150	200
Pressure (PSI)	150	250	150	125	100	75	50

For Polypropylene and Nyglass Camlocks:

Sizes (mm)	15-25	32-50	75	100
Pressure (PSI)	125	100	60	50

Materials

The Dixon™ range of cam & groove (Camlock) couplers and adaptors are manufactured from the following materials:

- Stainless steel grade CF8M (316 Equivalent) in accordance with the requirements of ASTM-A351
- Polypropylene 30% glass filled
- Nyglass 30% glass filled

Body	Lever	Pin	Pull Ring
Polypropylene	210 Stainless steel	Zinc plated steel	Zinc plated steel
Nyglass	210 Stainless steel	Zinc plated steel	Zinc plated steel
Stainless steel 15mm - 25mm	210 Stainless steel	303 Stainless steel	316 Stainless steel
Stainless steel 32mm - 150mm	210 Stainless steel	303 Stainless steel	316 Stainless steel

Welding of Camlocks

Couplings made using the die cast process must NOT be welded. Although bronze sand cast couplings made from the above materials may be welded using the appropriate welding equipment and compatible filler material, any modifications to the product will void your warranty. Welding the couplings changes the integrity of the coupling, therefore Dixon Asia Pacific will not accept any responsibility for modified couplings.



CAMLOCK SAFETY

- **UNDER NO CIRCUMSTANCES** should cam & groove (Camlock) couplings be used in compressed air or steam applications
- Dust caps and dust plugs are not to be used in any pressure applications for safety and environmental reasons

Cam & Groove Standard BSP - Dixon™ Type A

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050A
20	250	SS075A
25	250	SS100A
32	250	SS125A
40	250	SS150A
50	250	SS200A
65	150	SS250A
75	125	SS300A
100	100	SS400A
125	75	SS500A
150	75	SS600A



Type A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type B

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050B
20	250	SS075B
25	250	SS100B
32	250	SS125B
40	250	SS150B
50	250	SS200B
65	150	SS250B
75	125	SS300B
100	100	SS400B
125	75	SS500B
150	75	SS600B



Type B

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type C

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050C
20	250	SS075C
25	250	SS100C
32	250	SS125C
40	250	SS150C
50	250	SS200C
65	150	SS250C
75	125	SS300C
100	100	SS400C
125	75	SS500C
150	75	SS600C



Type C

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type D

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050D
20	250	SS075D
25	250	SS100D
32	250	SS125D
40	250	SS150D
50	250	SS200D
65	150	SS250D
75	125	SS300D
100	100	SS400D
125	75	SS500D
150	75	SS600D



Type D

Price Group: CG
AL05



Cam & Groove Standard BSP - Dixon™ Type E

Type E

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050E
20	250	SS075E
25	250	SS100E
32	250	SS125E
40	250	SS150E
50	250	SS200E
65	150	SS250E
75	125	SS300E
100	100	SS400E
125	75	SS500E
150	75	SS600E

Price Group: CG AL05

Cam & Groove Standard BSP - Dixon™ Type F

Type F

Size (mm)	Max WP (PSI)	SS Stainless Steel Part No.
15	150	SS050F
20	250	SS075F
25	250	SS100F
32	250	SS125F
40	250	SS150F
50	250	SS200F
65	150	SS250F
75	125	SS300F
100	100	SS400F
125	75	SS500F
150	75	SS600F

Price Group: CG AL05

Cam & Groove Standard BSP - Dixon™ Type DC

Type DC

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050DC
20	250	SS075DC
25	250	SS100DC
32	250	SS125DC
40	250	SS150DC
50	250	SS200DC
65	150	SS250DC
75	125	SS300DC
100	100	SS400DC
125	75	SS500DC
150	75	SS600DC

Price Group: CG AL05

Cam & Groove Standard BSP - Dixon™ Type DP

Type DP

Size (mm)	Max WP (PSI)	Stainless Steel Part No.
15	150	SS050DP
20	250	SS075DP
25	250	SS100DP
32	250	SS125DP
40	250	SS150DP
50	250	SS200DP
65	150	SS250DP
75	125	SS300DP
100	100	SS400DP
125	75	SS500DP
150	75	SS600DP

Price Group: CG AL05

Dust caps and plugs are NOT to be used in pressure applications for safety and environmental reasons

Cam & Groove Standard BSP - Dixon™ Type A

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPA050A
20	100	125	70	PPA075A
25	100	125	70	PPA100A
32	100	125	70	PPA125A
40	100	125	70	PPA150A
50	100	125	70	PPA200A
75	70	90	50	PPA300A
100	70	90	50	PPA400A

Price Group: CG
AL05



Type A

Cam & Groove Standard BSP - Dixon™ Type B

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPB050A
20	100	125	70	PPB075A
25	100	125	70	PPB100A
32	100	125	70	PPB125A
40	100	125	70	PPB150A
50	100	125	70	PPB200A
75	70	90	50	PPB300A
100	70	90	50	PPB400A

Price Group: CG
AL05



Type B

Cam & Groove Standard BSP - Dixon™ Type C

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPC050A
20	100	125	70	PPC075A
25	100	125	70	PPC100A
32	100	125	70	PPC125A
40	100	125	70	PPC150A
50	100	125	70	PPC200A
75	70	90	50	PPC300A
100	70	90	50	PPC400A

Price Group: CG
AL05



Type C

Cam & Groove Standard BSP - Dixon™ Type D

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPD050A
20	100	125	70	PPD075A
25	100	125	70	PPD100A
32	100	125	70	PPD125A
40	100	125	70	PPD150A
50	100	125	70	PPD200A
75	70	90	50	PPD300A
100	70	90	50	PPD400A

Price Group: CG
AL05



Type D



Cam & Groove Standard BSP - Dixon™ Type E



Type E

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPE050A
20	100	125	70	PPE075A
25	100	125	70	PPE100A
32	100	125	70	PPE125A
40	100	125	70	PPE150A
50	100	125	70	PPE200A
75	70	90	50	PPE300A
100	70	90	50	PPE400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type F



Type F

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	PPF050A
20	100	125	70	PPF075A
25	100	125	70	PPF100A
32	100	125	70	PPF125A
40	100	125	70	PPF150A
50	100	125	70	PPF200A
75	70	90	50	PPF300A
100	70	90	50	PPF400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type DC



Type DC

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
20	100	125	70	PPH075A
25	100	125	70	PPH100A
32	100	125	70	PPH125A
40	100	125	70	PPH150A
50	100	125	70	PPH200A
75	70	90	50	PPH300A
100	70	90	50	PPH400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type DP



Type DP

Size (mm)	Max WP (PSI) @ Temp			Polypropylene Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
20	100	125	70	PPP075A
25	100	125	70	PPP100A
32	100	125	70	PPP125A
40	100	125	70	PPP150A
50	100	125	70	PPP200A
75	70	90	50	PPP300A
100	70	90	50	PPP400A

Price Group: CG
AL05



- The coupler and adaptor portions of the 15mm size use the 20mm standard body size
- Polypropylene cam & groove should not be mixed with aluminium fittings
- Dust caps and dust plugs are **NOT** to be used in pressure applications for safety and environmental reasons

Cam & Groove Standard BSP - Dixon™ Type A

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGA050A
20	100	125	70	NGA075A
25	100	125	70	NGA100A
32	100	125	70	NGA125A
40	100	125	70	NGA150A
50	100	125	70	NGA200A
75	70	90	50	NGA300A
100	70	90	50	NGA400A



Type A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type B

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGB050A
20	100	125	70	NGB075A
25	100	125	70	NGB100A
32	100	125	70	NGB125A
40	100	125	70	NGB150A
50	100	125	70	NGB200A
75	70	90	50	NGB300A
100	70	90	50	NGB400A



Type B

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type C

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGC050A
20	100	125	70	NGC075A
25	100	125	70	NGC100A
32	100	125	70	NGC125A
40	100	125	70	NGC150A
50	100	125	70	NGC200A
75	70	90	50	NGC300A
100	70	90	50	NGC400A



Type C

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type D

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGD050A
20	100	125	70	NGD075A
25	100	125	70	NGD100A
32	100	125	70	NGD125A
40	100	125	70	NGD150A
50	100	125	70	NGD200A
75	70	90	50	NGD300A
100	70	90	50	NGD400A



Type D

Price Group: CG
AL05



Cam & Groove Standard BSP - Dixon™ Type E



Type E

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGE050A
20	100	125	70	NGE075A
25	100	125	70	NGE100A
32	100	125	70	NGE125A
40	100	125	70	NGE150A
50	100	125	70	NGE200A
75	70	90	50	NGE300A
100	70	90	50	NGE400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type F



Type F

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
15	100	125	70	NGF050A
20	100	125	70	NGF075A
25	100	125	70	NGF100A
32	100	125	70	NGF125A
40	100	125	70	NGF150A
50	100	125	70	NGF200A
75	70	90	50	NGF300A
100	70	90	50	NGF400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type DC



Type DC

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
20	100	125	70	NGH075A
25	100	125	70	NGH100A
32	100	125	70	NGH125A
40	100	125	70	NGH150A
50	100	125	70	NGH200A
75	70	90	50	NGH300A
100	70	90	50	NGH400A

Price Group: CG
AL05

Cam & Groove Standard BSP - Dixon™ Type DP



Type DP

Size (mm)	Max WP (PSI) @ Temp			Nyglass Part No.
	-18°C (0°F)	21°C (70°F)	65°C (149°F)	
20	100	125	70	NGP075A
25	100	125	70	NGP100A
32	100	125	70	NGP125A
40	100	125	70	NGP150A
50	100	125	70	NGP200A
75	70	90	50	NGP300A
100	70	90	50	NGP400A

Price Group: CG
AL05

- The coupler and adaptor portions of the 15mm size use the 20mm standard body size
- Nyglass cam & groove should not be mixed with aluminium fittings
- Dust caps and dust plugs are **NOT** to be used in pressure applications for safety and environmental reasons

Flow Boss™ Heavy Duty Washdown Guns

Application:	<ul style="list-style-type: none"> For low-pressure cleaning and sanitation applications, such as food and dairy processing, tank and drum cleaning, pharmaceutical and chemical manufacturing, and meat and poultry packing
Features:	<ul style="list-style-type: none"> Insulated covers for heat protection All stainless steel and brass construction for superior corrosion resistance Flow indication arrow and arrest clip Hollow cone spray pattern New improved design with high flow rate Increased strength and durability Complete serviceability Upgraded seal design for superior pressure tightness Hose connects at base of gun for easy manoeuvring Ergonomic design for operator comfort. ½" BSP female inlet Blue rubber cover
Specifications:	<ul style="list-style-type: none"> ½" BSP female thread Flow capacity, 57 lpm at 500kpa / 72 PSI Maximum operating pressure: 2400 kpa / 350 PSI
Temperature:	<ul style="list-style-type: none"> Rubber coated handle protects hands from water temperatures to 80°C (176°F)
Part No.	Body
DWG050A	Flow Boss™ Gun

Price Group: SD
AT01

New Improved Design!



Stainless Steel Screwed Fittings

Applications:	<ul style="list-style-type: none"> For use in low-pressure applications Suitable for use in harsh environments such as chemical applications, and corrosive environments, as well as standard air and water applications
Body Material:	<ul style="list-style-type: none"> CF8M (316) manufactured to ASTM A351
Standards:	<ul style="list-style-type: none"> Design: Class 150lb. Thread: ISO 7-1 - pipe threads where pressure-tight joints are made on the threads
Working Pressure:	<ul style="list-style-type: none"> 300 PSI

Screwed Caps



Thread Size BSP (inch)	316 Stainless Steel Hex	
	Part No.	
3/4	SS16C020	
1	SS16C025	
1 1/4	SS16C032	
1 1/2	SS16C040	
2	SS16C050	
3	SS16C080	
4	SS16C100	

Price Group: SD
AW01

Screwed Male Hose Tails



Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/4	SS16HT006	
5/16	SS16HT008	
3/8	SS16HT010	
1/2	SS16HT015	
3/4	SS16HT020	
1	SS16HT025	
1 1/4	SS16HT032	
1 1/2	SS16HT040	
2	SS16HT050	
2 1/2	SS16HT065	
3	SS16HT080	
4	SS16HT100	
5	SS16HT125	
6	SS16HT150	

Price Group: SD
AW01

Screwed Unions



Female x Female

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
3/8	SS16FU010	
1/2	SS16FU015	
3/4	SS16FU020	
1	SS16FU025	
1 1/4	SS16FU032	
1 1/2	SS16FU040	
2	SS16FU050	
2 1/2	SS16FU065	
3	SS16FU080	
4	SS16FU100	

Price Group: SD
AW01

Screwed Reducing Hex Bush

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
3/8 x 1/4		SS16B1008
1/2 x 3/8		SS16B1510
3/4 x 1/2		SS16B2015
1 x 1/2		SS16B2515
1 x 3/4		SS16B2520
1 1/4 x 3/4		SS16B3220
1 1/4 x 1		SS16B3225
1 1/2 x 1		SS16B4025
1 1/2 x 1 1/4		SS16B4032
2 x 1		SS16B5025
2 x 1 1/4		SS16B5032
2 x 1 1/2		SS16B5040
2 1/2 x 1 1/4		SS16B6532
2 1/2 x 1 1/2		SS16B6540
2 1/2 x 2		SS16B6550
3 x 2		SS16B8050
3 x 2 1/2		SS16B8065
4 x 2 1/2		SS16B10065
4 x 3		SS16B10080

Price Group: SD
GM01



Screwed Sockets

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/8		SS16S006
1/4		SS16S008
3/8		SS16S010
1/2		SS16S015
3/4		SS16S020
1		SS16S025
1 1/4		SS16S032
1 1/2		SS16S040
2		SS16S050
2 1/2		SS16S065
3		SS16S080
4		SS16S100

Price Group: SD
AW01



Screwed Hex Nipples



Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/8	SS16HN006	
1/4	SS16HN008	
3/8	SS16HN010	
1/2	SS16HN015	
3/4	SS16HN020	
1	SS16HN025	
1 1/4	SS16HN032	
1 1/2	SS16HN040	
2	SS16HN050	
2 1/2	SS16HN065	
3	SS16HN080	
4	SS16HN100	

Price Group: SD

AW01

Screwed Reducing Hex Nipples



Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/4 x 1/8	SS16N00806	
1/2 x 1/4	SS16N01508	
1/2 x 3/8	SS16N01510	
3/4 x 1/2	SS16N02015	
1 x 1/2	SS16N02515	
1 x 3/4	SS16N02520	
1 1/4 x 1	SS16N03225	
1 1/2 x 1	SS16N04025	
1 1/2 x 1 1/4	SS16N04032	
2 x 1	SS16N05025	
2 x 1 1/4	SS16N05032	
2 x 1 1/2	SS16N05040	
2 1/2 x 2	SS16N06550	
3 x 2	SS16N08050	
3 x 2 1/2	SS16N08065	
4 x 1 1/2	SS16N10040	
4 x 2	SS16N10050	
4 x 3	SS16N10080	

Price Group: SD

AW01

Nipples - Toe & Barrels



Thread Size BSP (inch)	316 Stainless Steel	
	Toe Part No.	Barrel Part No.
1/4	---	SS16BN008
3/8	---	---
1/2	SS16TN015	SS16BN015
3/4	SS16TN020	SS16BN020
1	SS16TN025	SS16BN025
1 1/4	SS16TN032	---
1 1/2	SS16TN040	SS16BN040
2	SS16TN050	SS16BN050
2 1/2	SS16TN065	SS16BN065
3	SS16TN080	SS16BN080
4	SS16TN100	SS16BN100

Price Group: SD

AW01

Screwed Equal Tees

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/8	SS16T006	
1/4	SS16T008	
1/2	SS16T015	
3/4	SS16T020	
1	SS16T025	
1 1/4	SS16T032	
1 1/2	SS16T040	
2	SS16T050	
2 1/2	SS16T065	
3	SS16T080	
4	SS16T100	



Price Group: SD
AW01

90° Screwed Elbows

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/8	SS16EL006	
3/8	SS16EL010	
1/2	SS16EL015	
3/4	SS16EL020	
1	SS16EL025	
1 1/4	SS16EL032	
1 1/2	SS16EL040	
2	SS16EL050	
2 1/2	SS16EL065	
3	SS16EL080	
4	SS16EL100	



Price Group: SD
AW01

90° Screwed Street Elbows

Thread Size BSP (inch)	316 Stainless Steel	
	Part No.	
1/8	SS16ELMF006	
1/4	SS16ELMF008	
3/8	SS16ELMF010	
1/2	SS16ELMF015	
3/4	SS16ELMF020	
1	SS16ELMF025	
1 1/4	SS16ELMF032	
1 1/2	SS16ELMF040	
2	SS16ELMF050	
2 1/2	SS16ELMF065	
3	SS16ELMF080	
4	SS16ELMF100	



Price Group: SD
AW01



“Clamp-it” Band & Buckles



Strapping - 100 ft Per Box (30.4M)			
Width (inch)	Thickness (mm)	Material	Part No.
3/8	0.64	201 stainless steel	SS375
1/2	0.76	201 stainless steel	SS500
5/8	0.76	201 stainless steel	SS625
3/4	0.76	201 stainless steel	SS750

Price Group: SD
AO06



Buckles			
Width (inch)	Material	Part No.	Box Qty
3/8	stainless steel	CS375	100
1/2	stainless steel	CS500	100
5/8	stainless steel	CS625	100
3/4	Stainless steel	CS750	50

To be used with C2 or 51960 band clamp tools as shown below

Price Group: SD
AO06

Band Clamp Tools



Jack Type	
Part No.	Description
C2	<ul style="list-style-type: none"> Clamping tool for band and buckles Lightweight Side-entry

Price Group: SD
AO06



Jack Type	
Part No.	Description
F1	<ul style="list-style-type: none"> Hand tool for application of 5/8" band clamps

Price Group: SD
AO06



Screw Action Type	
Part No.	Description
51960	<ul style="list-style-type: none"> Clamping tool for band and buckles For vice applications only

Price Group: SD
AO06



Adaptor	
Part No.	Description
51970	<ul style="list-style-type: none"> Adaptor for installing preformed clamps For Part Number 51960

Price Group: SD
AO06

F Series Centre Punch Band Style Clamps

Features:		<ul style="list-style-type: none"> • Install with center punch tools F1, F38, F40, and F100 • Other manufacturers' punch style tools may also be used • Sold in package quantities only
Material:		<ul style="list-style-type: none"> • On stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel
Clamp ID (inch)	Stainless Steel Part No.	Box Qty
3/8" Wide - 0.51mm Thick		
13/16	FS3	100
13/8	FS311	100
5/8" Wide - 0.56mm Thick		
1	FS4	100
11/4	FS5	100
11/2	FS6	100
13/4	FS7	100
2	FS8	100
21/4	FS9	100
21/2	FS10	50
23/4	FS11	50
3	FS12	50
31/2	FS14	50
4	FS16	25
41/2	FS18	25
5	FS20	25
6	FS24	25
7	FS28	25
8	FS32	25



Style F
(Pre-formed)

Ultra-Lok® Band Style Clamping Systems

Price Group: SD
AO06

Features:		<ul style="list-style-type: none"> • Ultra-Lok® provides a fast, reliable, consistent clamp made from 3/4", 1/4 hard, high tensile 201 stainless steel for unequalled strength and reliability. • The powerful, portable UL9000 tool lets you apply clamps anywhere there is an AC outlet • Ultra-Lok®'s smooth ID seals tight with a gap-free, 360° seal, and since the design allows locking under full tension, clamps resist rotation on pole applications • Preformed clamps available in sizes from 2" to 9" diameter • Speed/torque setting on tool for consistent repeatable tensioning
------------------	--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Ultra-Lok® Smooth ID Clamps		
Clamp ID (inch)	Part No.	Box Qty
2	UL227	100
23/4	UL210	50
3	UL211	50
31/2	UL212	50
4	UL213	25
41/2	UL214	25
5	UL215	25
61/2	UL217	25
7	UL218	25
8	UL219	25
9	UL228	10



Price Group: SD
AO11

Ultra-Lok® Electric Installation Tool	
Part No.	Description
UL0015	Ultra-Lok® Tool (Excludes Drill)
ULM067	Ultra-Lok® Drill (Excludes Tool) (AC Power Unit)



Price Group: SD
AO11

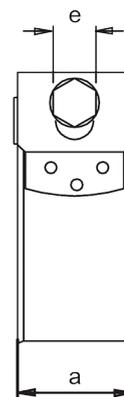
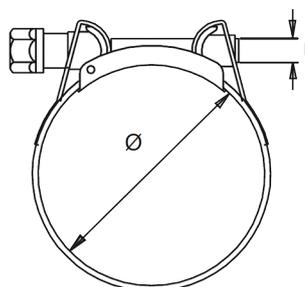
Note: Drill and attachment sold separately.



Mikalor Super Clamps - Stainless Steel - W4

Materials:

- Band and bridge: 304 stainless steel
- Bolt: 302 stainless steel



Hose OD Range (mm)		Dimensions			Max Bolt Torque	Part No.	Box Qty
From:	To:	r	e (mm)	a (mm)	Torque Nm		
17	19	M6	8	18	7	SS019	50
19	21	M6	8	18	7	SS021	50
21	23	M6	8	18	7	SS023	50
23	25	M6	8	18	7	SS025	50
25	27	M6	8	18	7	SS027	50
27	29	M6	8	18	7	SS029	50
29	31	M7	10	20	16	SS031	50
31	34	M7	10	20	16	SS034	50
34	37	M7	10	20	16	SS037	50
37	40	M7	10	20	16	SS040	50
40	43	M7	10	20	16	SS043	25
43	47	M7	10	20	16	SS047	25
47	51	M7	10	20	16	SS051	25
51	55	M7	10	20	16	SS055	25
55	59	M7	10	20	16	SS059	25
59	63	M7	10	20	16	SS063	25
63	68	M7	10	20	16	SS068	25
68	73	M8	13	25	25	SS073	25
73	79	M8	13	25	25	SS079	25
79	85	M8	13	25	25	SS085	25
85	91	M8	13	25	25	SS091	25
91	97	M8	13	25	25	SS097	25
97	104	M8	13	25	25	SS104	25
104	112	M8	13	25	25	SS112	10
112	121	M8	13	25	25	SS121	10
121	130	M8	13	25	25	SS130	10
130	140	M10	15	28	50	SS140	10
140	150	M10	15	28	50	SS150	10
150	162	M10	15	28	50	SS162	10
162	174	M10	15	28	50	SS174	10
174	187	M10	15	28	50	SS187	10
187	200	M10	15	28	50	SS200	10
200	213	M10	15	28	50	SS213	10
213	226	M10	15	28	50	SS226	10
226	239	M10	15	28	50	SS239	10
239	252	M10	15	28	50	SS252	10

Price Group: SD
AO10



H-Series ISO-B Food Grade Couplings

- Features:**
- H-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series B
 - FKM™ seals are FDA approved for food service applications, such as fryers and fryer-oil filtering equipment
 - Large diameter flanged coupler sleeves will prevent damage when dropped and are easier to operate with gloves on
 - Couplings of steel with nickel plating, 303 stainless steel and 316 stainless steel will fulfill the requirements of various food service applications



Size (inch)	Steel Coupler / Plug				Brass Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
½	4000	275	16000	1100	2500	175	11500	750

Size (inch)	303 Stainless Coupler / Plug				316 Stainless Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
½	3500	240	27500	1900	3500	240	22000	1500

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
½	-	-	ISO7241-B	B93.113M-B	9	3.8cc	2.9cc	27.4	57

HFG-Series Interchange						
Size (inch)	Parker	Aeroquip	Snap-Tite	Stucchi	Faster	Hansen
½	60 Series	FD45	72 Series	IRB / IRBO / IRBX	HNV Series	HK Series

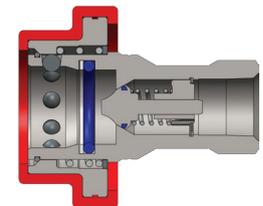
H-Series Silicone Flanged Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	
					Bag	Box
½	D-4HF4-S-FSB	½ - 14 NPTF	303 stainless steel	0.39	5	25
½	D-4HF4-SS-FSB	½ - 14 NPTF	316 stainless steel	0.40	5	25

Price Group: PC
AP03



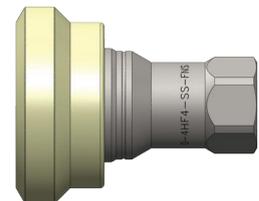
Female Thread



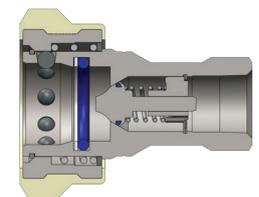
H-Series Nylon Flanged Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	
					Bag	Box
½	D-4HF4-S-FNS	½ - 14 NPTF	303 stainless steel	0.39	5	25
½	D-4HF4-SS-FNS	½ - 14 NPTF	316 stainless steel	0.40	5	25

Price Group: PC
AP03



Female Thread



- ORB thread styles also available
- A complete range of seal options are available



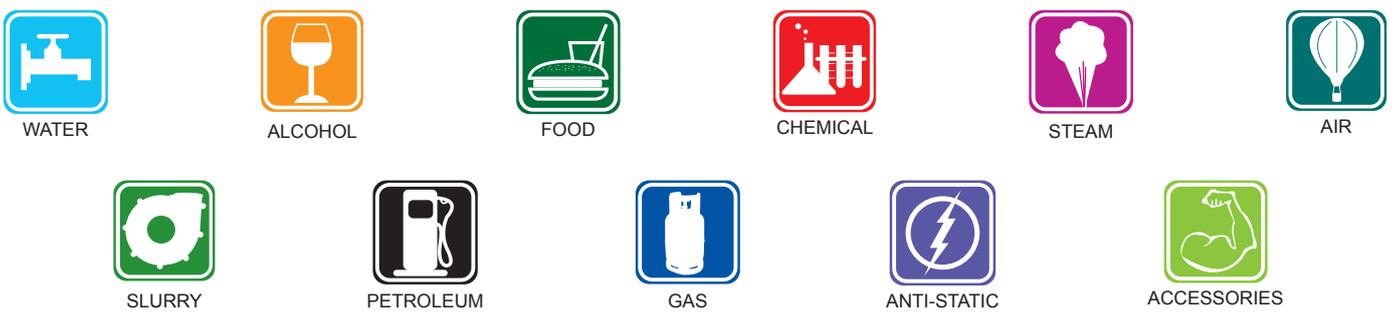
The 'FSB' and 'FNS' coupler sleeves have a nickel plated steel core that is used to stabilize and strengthen the outer silicone (FSB) or nylon (FNS) bumpers. This nickel plated steel core is used for all couplers in this series but does not affect corrosion resistance for the 303 stainless steel or 316 stainless steel coupler models.

Hose & Hose Fittings

- Hose and Hose Fittings98-111
- Holedall™99-101
 - External Crimp Stems99-100
 - Ferrule Fittings101
 - Stainless Steel Hose102
 - PTFE Hose102
- PVC 103-104
 - Wine & Beverage Hose103
 - Metalflex Suction Hose103
 - Grey/Blue Suction Hose104
 - Heavy Duty Wine & Beverage Hose104
 - Wine and Beverage - Red Helix Hose104
- Rubber105-110
 - Extra High Pressure Hot Water Washdown
Hose (PW206)105
 - Hot Water Washdown Hose (A225)105
 - Steam Hose - Steel Wire Reinforced (A230)105
 - Steam Hose - Fabric Reinforced (A235)106
 - UHMW Polyethylene Hose (A410)106
 - Food and Beverage Hose (605)107
 - Food and Beverage Hose Assembly (A605)107
 - Food, Milk, and Beverage Hose (A621)107
 - Food, Milk, and Beverage Hose (A635)108
 - Food, Milk, and Beverage Hose Assembly (A635) 108
 - Food and Wine Hose (A625)108
 - Food and Wine Hose Assembly109
 - Heavy Duty Water Hose (A210)110
 - Heavy Duty Air & Water Hose Assembly (A210) --- 110
- Spiral Hose Guards111
- Hose Glide Rings111



E



Holedall™ BSM (RJT) External Crimp Stems

Material:	• 316 stainless steel
Standard:	• RJT (BSM) AS1528.2 - 2001: screwed couplings
Size (inch)	Part No.
Female	
1	HA0224
1½	HA0225
2	HA0226
2½	HA0227
3	HA0228
4	HA0294
Male	
1	HA0219
1½	HA0220
2	HA0221
2½	HA0222
3	HA0223
4	HA0293

Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07



Holedall™ SMS External Crimp Stems

Material:	• 316 stainless steel
Size (inch)	Part No.
Female	
1	HA0616
1½	HA0617
2	HA0618
2½	HA0619
3	HA0620
4	HA0621
Male	
1	HA0622
1½	HA0623
2	HA0624
2½	HA0625
3	HA0626
4	HA0627

Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07



Holedall™ Clamp Type / Tri-Clover External Crimp Stems

Material:	• 316 stainless steel
Size (inch)	Part No.
1	HA0640
1½	HA0641
2	HA0642
2½	HA0643
3	HA0644
4	HA0645

Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07



Holedall™ DIN External Crimp Stems

Material:	• 316 stainless steel	
Standard:	• DIN 11851 / 11887; couplings and gaskets	
Size	Part No.	
DN25	HA0239	
DN40	HA0240	
DN50	HA0241	
DN65	HA0242	
DN80	HA0243	
DN100	HA0298	
DN25	HA0234	
DN40	HA0235	
DN50	HA0236	
DN65	HA0237	
DN80	HA0238	
DN100	HA0297	

Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

Wine Female Crimp Stems

AV07



Material:	• 316 stainless steel	
Size (inch)	Part No.	
2	HA0850	
3	HA0851	
4	HA0852	

Price Group: DS

Buttweld Tube Crimp Stems

AV07



Material:	• 316 stainless steel	
Size (inch)	Part No.	
1	HA0833	
1½	HA0835	
2	HA0837	
2½	HA0839	
3	HA0841	
4	HA0843	

Price Group: DS

BSM CIP Crimp Stems

AV07



Material:	• 316 stainless steel	
Size (inch)	Part No.	
1	HA0224-CIP	
1½	HA0225-CIP	
2	HA0226-CIP	
2½	HA0227-CIP	
3	HA0228-CIP	
4	HA0294-CIP	

Price Group: DS

NZ RJT Crimp Stems

AV07



Material:	• 316 stainless steel	
Size (inch)	Part No.	
1½	HA0225-NZ	
2	HA0226-NZ	
2½	HA0227-NZ	
3	HA0228-NZ	
4	HA0294-NZ	

Price Group: DS

AV07

Holedall™ External Crimp Ferrules

Material:		• 304 stainless steel	
Standard:		• Consult Dixon™ for crimp specifications	
Size (inch)	Hose OD Range (mm)		Part No.
	from	to	
1	33.0	35.0	HA0249-41-3
1	35.7	36.5	HA0249-43-3
1	36.9	37.7	HA0249-45-3
1	38.1	38.9	HA0249-46-3
1	39.3	40.1	HA0249-47-3
1	40.5	41.3	HA0249-48-3
1½	48.4	49.6	HA0250-56-3
1½	50.0	51.2	HA0250-58-3
1½	51.6	52.8	HA0250-59-3
1½	53.2	54.4	HA0250-61-3
2	62.7	63.9	HA0251-70-3
2	64.3	65.5	HA0251-72-3
2	65.9	67.1	HA0251-74-3
2	67.4	68.7	HA0251-75-3
2	71.44	73.63	HA0251-76-3
2½	76.1	78.1	HA0252-84-3
2½	78.1	80.1	HA0252-86-3
2½	81.1	83.1	HA0252-89-3
3	88.0	91.0	HA0253-96-3
3	91.7	92.9	HA0253-98-3
3	92.1	93.3	HA0253-100-3
3	93.6	94.9	HA0253-101-3
3	95.2	96.5	HA0253-103-3
3	96.8	98.0	HA0253-105-3
3	98.4	99.6	HA0253-106-3
3	100.4	101.6	HA0253-107-3
4	117.5	118.7	HA0301-129-5
4	119.0	120.3	HA0301-130-5
4	120.6	121.9	HA0301-132-5
4	122.2	123.5	HA0301-133-5
4	123.8	125.0	HA0301-135-5
4	128.9	130.18	HA0301-136-5



Price Group: DS
AV07



Stainless Steel Metallic Hose



Applications:	<ul style="list-style-type: none"> Ideally suited to high pressure, high temperature, and corrosive applications Flexible metal hoses can accommodate angular movements, temperature expansion, vibration, misalignment, steam, compressed air, petrochemical, and vacuum
Sizes:	<ul style="list-style-type: none"> 6mm to 300mm
Materials:	<ul style="list-style-type: none"> Hose is non-corroding austenitic steel according to DIN 17441 (AISI 321) Braiding material is non-corroding austenitic steel to ISI 304
Temperature:	<ul style="list-style-type: none"> -270°C to 600°C (-454°F to 1112°F)

Nominal Bore (mm)	ID (mm)	OD (mm)		Min Bend Radius, One Bend Process (mm)		Nominal Bend Radius, Frequent Bending (mm)	Working Pressure (PSI)		Weight (kg/m)		Length (m)
		No Braid	Braided	No Braid	Braided		No Braid	Braided	No Braid	Braided	
6	6.2	9.7	10.8	15	25	80	348	2871	0.07	0.15	Up to 100
8	8.2	12.3	13.7	16	32	125	247	2552	0.09	0.20	
10	10.2	14.3	15.7	18	38	130	174	1900	0.10	0.22	
12	12.2	16.8	18.2	20	45	140	131	1349	0.12	0.24	
16	16.2	21.7	23.3	28	58	160	102	1233	0.18	0.38	
20	20.2	26.7	28.3	32	70	170	51	827	0.25	0.48	
25	25.5	32.2	34.2	40	85	190	44	943	0.34	0.75	
32	34.2	41	43	50	105	260	36	667	0.43	0.89	
40	40.1	49.7	52	60	130	300	36	725	0.71	1.39	
50	50.4	60.3	62.6	70	160	320	23	508	0.89	1.65	
65	65.4	80	83.2	90	200	440	15	435	1.07	2.46	10
75	80.2	98	101.2	110	240	700	15	464	1.72	3.55	
100	100.2	118	121.2	130	290	750	12	363	1.97	3.99	
125	126.2	145	148.2	500	500	1000	9	276	2.67	5.24	
150	151.6	171	174.2	700	700	1300	7	189	3.38	6.31	
200	200.1	227	-	860	-	1350	4	-	4.83	-	3.5
250	250.3	280.3	-	1000	-	1600	3	-	7.51	-	
300	300.3	333.1	-	1270	-	2000	3	-	8.96	-	

PTFE Metallic Hose



Applications:	<ul style="list-style-type: none"> Pharmaceutical and food processing industries - does not contaminate the media being passed through the hose Particularly suited to arduous flexing over an extended temperature range
Sizes:	<ul style="list-style-type: none"> 6mm - 100mm
Features:	<ul style="list-style-type: none"> Inert to practically all commercial chemicals, acids, solvents and hydraulic fluids, these assemblies absorb no moisture and have low volumetric expansion Easy to clean and sterilise Tasteless and odourless
Temperature:	<ul style="list-style-type: none"> -50°C to 260°C (-58°F to 500°F)

Smooth Bore

Size range: 6mm to 25mm
Temperature range: -50°C to 260°C (-58°F to 500°F)

Convolutd

Size range: 10mm to 100mm
Temperature range: -50°C to 260°C (-58°F to 500°F)

Wine & Beverage PVC Suction and Delivery VACPRES Hose

Application:	<ul style="list-style-type: none"> For suction and delivery of wine / beverages: water, mineral water, fruit juices, liquids, etc.
Features:	<ul style="list-style-type: none"> Conforms to AS2070 90/128 / EEC 2007/19/EC A,B,C. ISO 1307 Minimum cut length of 5m, charges apply for cutting hose.
Materials:	<ul style="list-style-type: none"> Reinforcement: Steel wire helix with polyester braid Cover: Clear, non-toxic food grade PVC Lining: Clear, non-toxic food grade PVC
Temperature:	<ul style="list-style-type: none"> -5°C to 60°C (23°F to 140°F)
Standard:	<ul style="list-style-type: none"> EEC Directive 90/128 ISO 1307



Part No.	Dimensions (mm)		Working Pressure					Bend Radius (mm)	Weight (kg/m)	Length (m)
			Positive PSI/Bar				Negative M/H ₂ O			
	ID	OD	Working		Burst					
AUS020FBSD20	19	27.5	140	10	420	29	9	85	0.42	20
AUS025FBSD20	25	36.2	140	10	420	29	9	90	0.68	20
AUS032FBSD20	32	42.2	140	10	420	29	9	110	0.80	20
AUS040FBSD20	40	53	140	10	420	29	9	140	1.20	20
AUS050FBSD20	51	63.6	140	10	420	29	9	170	1.60	20

Price Group: HP
DA26

Metalflex PVC Suction Hose - Food Grade

Application:	<ul style="list-style-type: none"> Ideal for use in vacuum pumps, agricultural machines, water irrigation, chemical plants, and suction of foods
Features:	<ul style="list-style-type: none"> Plasticised PVC hose with reinforcement of steel helix Bore and cover are smooth Very flexible, excellent kink abrasion, and crush resistance Non-toxic, non-conductive Minimum cut length of 5m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: Clear PVC non-toxic Reinforcement: Wire helix
Temperature:	<ul style="list-style-type: none"> -15°C to 60°C (5°F to 140°F)

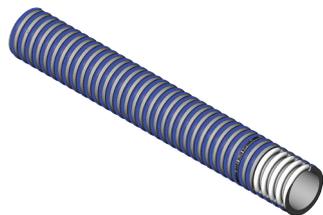


Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/H ₂ O	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
ARM012020	12	17.4	85	0.6	305	8.5	25	0.18	20
ARM016020	16	22.0	85	0.6	261	8.5	35	0.23	20
ARM020020	20	27.0	71	0.5	218	8.5	50	0.34	20
ARM025020	25	33.0	71	0.5	218	8.5	30	0.51	20
ARM032020	32	40.4	57	0.4	189	8.5	75	0.65	20
ARM035020	35	43.6	57	0.4	174	8.5	80	0.73	20
ARM038020	38	47.0	57	0.4	174	8.5	90	0.80	20
ARM045020	45	54.8	43	0.3	130	8	105	1.10	20
ARM050020	50	60.0	43	0.3	130	8	125	1.20	20
ARM063020	63	75.8	43	0.2	102	7	150	1.96	20
ARM080020	76	85.2	29	0.2	87	7	195	2.50	20
ARM100020	102	115.0	29	0.2	87	6	300	3.40	20
ARM150020	152	169.0	20 ¹	0.1	58 ¹	5	460 ¹	6.35	20

¹ Denotes figure is calculated as theoretical.

Price Group: HP
DA14

Grey / Blue ABR Super Elastic PVC Suction Hose

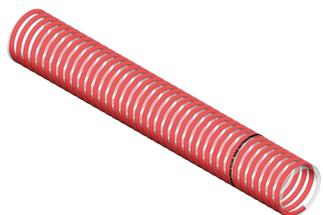


Applications:	<ul style="list-style-type: none"> Medium suction and delivery of water, salt water, light chemicals, liquids etc. in construction, sewer purging, sludge, slurries, water matter, sand, and gravel Especially for use in cold climates
Features:	<ul style="list-style-type: none"> UV stabilised, abrasion resistant Minimum cut length of 5m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: grey PVC Reinforcement: Exposed rigid blue PVC helix
Temperature:	<ul style="list-style-type: none"> -20°C to 50°C (-4°F to 122°F)

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/H ₂ O	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
AUS025GB020	25	34.0	102	0.7	290	9	90	0.5	20
AUS032GB020	32	41.0	87	0.6	247	9	130	0.6	20
AUS038GB020	38	47.0	73	0.5	232	9	140	0.7	20
AUS050GB020	50	61.5	73	0.5	218	9	200	1	20
AUS065GB020	63	77.0	73	0.5	203	9	275	1.4	20
AUS076GB020	76	90.0	58	0.4	174	9	310	1.7	20
AUS100GB020	102	117.5	44	0.3	145	9	410	2.6	20
AUS200GB010	203	225.0	29	0.2	87	9	980	10	20

Price Group: **AHP**

Wine and Beverage Heavy Duty Suction and Delivery Hose - Red Helix

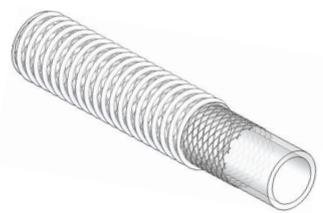


Application:	<ul style="list-style-type: none"> Special hose for heavy duty wine, beer, and spirits suction and delivery; wine and spirits up to 15% alcohol
Features:	<ul style="list-style-type: none"> Non-toxic, food grade FDA, UV stabilised Minimum cut length of 5 m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: clear, non-toxic PVC Reinforcement: rigid red PVC helix
Temperature:	<ul style="list-style-type: none"> -10°C to 60°C (14°F to 140°F)
Standards:	<ul style="list-style-type: none"> Conforms to AS2070 for food contact hoses Meets EEC directive 90/128 for articles intended for contact with foodstuffs

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/H ₂ O	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
AUS025FB020	25	34.4	184	1.3	551	9	160	0.45	20
AUS032FB020	32	41.6	145	1.0	435	9	200	0.68	20
AUS040FB020	38	47.9	145	1.0	435	9	240	0.78	20
AUS050FB020	51	62	121	0.8	363	9	300	1.15	20
AUS065FB020	63	75.9	121	0.8	363	9	370	1.60	20
AUS080FB020	76	90	97	0.7	290	9	450	1.90	20
AUS100FB020	102	117.4	73	0.5	218	9	630	3.25	20

Price Group: **AHP**

Wine and Beverage Heavy Duty PVC Suction and Delivery Hose



Application:	<ul style="list-style-type: none"> Heavy duty food grade suction and delivery hose for bottling, wine making, canning, dairy, brewing, and liquid foods
Features:	<ul style="list-style-type: none"> Lightweight and flexible, external helix provides for easy drag Clear side wall permits visual check of material flow Minimum cut length of 5 m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: flexible PVC, smooth bore, corrugated OD Reinforcement: rigid PVC helix, synthetic braiding
Temperature:	<ul style="list-style-type: none"> -25°C to 60°C (77°F to 140°F)
Standard:	<ul style="list-style-type: none"> Produced entirely of compounds in compliance with FDA and 3A non-toxic specifications

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/H ₂ O	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
AUS040KANFW030	38	51	110	0.8	330	9.6	65	0.51	30.4
AUS050KANFW030	50	66	100	0.7	300	9.6	101	0.83	30.4
AUS080KANFW030	75	94	100	0.7	300	9.6	160	1.11	30.4
AUS100KANFW030	100	122	75	0.5	225	9.6	180	2.58	30.4
AUS125KANFW030	125	154	70	0.5	210	9.6	233	4.31	30.4
AUS150KANFW030	150	182	70	0.5	210	9.6	259	5.76	30.4

Price Group: **HP DA26**

Rubber Extra High Pressure Hot Water Wash Hose (PW206)

Application:	<ul style="list-style-type: none"> Used for high pressure hot water cleaning applications.
Features:	<ul style="list-style-type: none"> Weather resistant, ozone resistant. Minimum cut length of 10m, charges apply for cutting hose.
Materials:	<ul style="list-style-type: none"> Tube: special synthetic rubber is hot water and detergent solutions resistant Reinforcement: 2 wire braids Cover: blue, oil, abrasion, and weather resistant non-marking synthetic rubber
Temperature:	<ul style="list-style-type: none"> -40°C to 150°C (-40°F to 302°F)

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight (kg/m)	Coil Lengths
	ID	OD	PSI	Bar				
PW206	9.5	18	5800	40	29000	130	0.53	Random

Price Group: HR
DC04



Rubber Hot Water Washdown Hose (A225)

Application:	<ul style="list-style-type: none"> Used for cleaning food processing equipment in meat, poultry, confectionery, and dairy plants
Features:	<ul style="list-style-type: none"> Oil mist resistant Minimum cut length of 10m, charges apply for cutting hose.
Materials:	<ul style="list-style-type: none"> Tube: NBR white Reinforcement: 4 spiral polyester Cover: NBR white
Temperature:	<ul style="list-style-type: none"> -20° C to 90° C (-4°F to 194°F)

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight (kg/m)	Coil Lengths
	ID	OD	PSI	Bar				
A225012	12.5	21.9	300	2	900	75	0.39	2 x 100M
A225020	19	30.2	300	2	900	114	0.7	2 x 100M
A225025	25	38.0	300	2	900	150	1.2	2 x 100M

Price Group: HR
DB29



Rubber Steam Hose - Steel Wire Reinforced (A230)

Application:	<ul style="list-style-type: none"> Mandrel built, high-pressure, wire-reinforced, steam hose designed for service with saturated steam in heat control, fire prevention etc, in many industries at maximum pressure of 18 ATM (270 PSI)
Features:	<ul style="list-style-type: none"> Minimum cut length of 10m, charges apply for cutting hose For increased service life drain after use
Materials:	<ul style="list-style-type: none"> Tube: black, smooth, EPDM rubber, specially compounded to withstand saturated steam Reinforcement: Plies of steel wire cord Cover: red, smooth (wrapped finish), EPDM rubber with excellent resistance to high temperatures, weathering, abrasion, and ageing; it is pin-pricked to prevent separation
Temperature:	<ul style="list-style-type: none"> -40°C to 210°C (-40°F to 410°F), can be used for peaks of steam to 230°C (446°F)

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight (kg/m)	Coil Lengths
	ID	OD	PSI	Bar				
A230012	13	25	270	1.8	2700	156 ¹	0.5	20,
A230020	19	33	220	1.5	2611	228 ¹	0.65	20, 120
A230025	25	40	220	1.5	2611	300 ¹	0.88	20
A230032	32	48	220	1.5	2611	384 ¹	1.28	20
A230040	38	54	220	1.5	2611	456 ¹	1.6	20
A230050	51	69	220	1.5	2611	612 ¹	2.26	20
A230065	63.5	87.5	220	1.5	2611	762 ¹	3.33	20
A230080	76	97	220	1.5	2611	912 ¹	4.34	20
A230100	102	124	220	1.5	2611	1224 ¹	6.5	20

¹ Denotes figure is calculated as theoretical.

Price Group: HR
DB35



Rubber Steam Hose - Fabric Reinforced (A235)



Applications:	<ul style="list-style-type: none"> Textile reinforced Mandrel built Recommended for saturated steam and hot water washdown
Features:	<ul style="list-style-type: none"> Minimum cut length of 10m, charges apply for cutting hose Ozone resistance
Materials:	<ul style="list-style-type: none"> Tube: black or white smooth EPDM rubber compound (in accordance with BGVV XX I Category 2) Reinforcement: high strength synthetic cord Cover: black or white smooth (wrapped finish), EPDM rubber compound, fatty food, and weathering resistant
Temperature:	<ul style="list-style-type: none"> Steam: -30°C to 160°C (-22°F to 320°F) Hot wash: -35°C to 95°C (-31°F to 203°F)

Part No.	Dimensions (mm)		Working Pressure		BP Steam PSI	Bend Radius (mm)	WP Hot Water PSI	Weight (kg/m)	Length (m)
	ID	OD	Steam PSI	Bar					
White									
A235012	12	24	87	0.6	870	156 ¹	150	0.40	20, 60
A235020	19	31	87	0.6	870	228 ¹	150	0.58	20, 60
A235025	25	37	87	0.6	870	300 ¹	150	0.72	20, 60
Black									
A235012B	12	24	87	0.6	870	156 ¹	150	0.4	20, 60
A235020B	19	31	87	0.6	870	228 ¹	150	0.58	20, 60
A235025B	25	37	87	0.6	870	300 ¹	150	0.72	20, 60
A235032B	32	46	87	0.6	870	384 ¹	150	1.34	20, 60
A235040B	38	53	87	0.6	870	456 ¹	150	1.54	20, 60
A235050B	51	67	87	0.6	870	612 ¹	150	2.34	20, 60

¹ Denotes figure is calculated as theoretical.

Price Group: HR

DB28



Pressurised steam is an extremely dangerous commodity. Only hose, fittings, clamps, and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturers' product recommendations for pressurised steam handling.

Rubber UHMW Polyethylene Suction and Delivery Chemical Hose (A410)



Application:	<ul style="list-style-type: none"> Chemical transfer hose, suitable for most of the common chemicals; Suitable for up to 98% alcohol
Feature:	<ul style="list-style-type: none"> Minimum cut length of 5m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: UHMW polyethylene Reinforcement: High-strength, synthetic cord, plus embedded steel wire helix and anti-static copper wire Cover: blue, smooth (wrapped finish), EPDM rubber specially compounded for higher resistance to weather, ozone and abrasion
Temperature:	<ul style="list-style-type: none"> -20°C to 100°C (-4°F to 212°F)

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum (m.H2O)	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
A410020	19	31	150	1	600	9	115	0.78	20
A410025	25	37	150	1	600	9	155	0.98	20
A410032	32	44	150	1	600	9	205	1.10	20
A410040	38	50	150	1	600	9	250	1.39	20
A410050	51	64.5	150	1	600	9	345	1.98	20
A410065	63.5	77.5	150	1	600	9	450	2.48	20
A410080	76	91	150	1	600	9	545	3.23	20
A410100	102	120	150	1	600	9	612	5.12	20

Price Group: HR

DB12

Rubber Food and Beverage Delivery Hose (A605)

Application:	<ul style="list-style-type: none"> A superior quality hose; Mandrel built, suitable for conveying beer, wine, vinegar, soft and alcoholic drinks, potable water, and any other foodstuff when a food-quality hose is required
Features:	<ul style="list-style-type: none"> Food grade FDA Minimum cut length of 5m, charges apply for cutting hose Not recommended for fatty foods
Materials:	<ul style="list-style-type: none"> Tube: white, smooth, food-quality synthetic rubber, meets FDA and European requirements Reinforcement: high strength synthetic cord Cover: red, smooth (wrapped finish) long-lasting synthetic rubber, abrasion resistant, EPDM
Temperature:	<ul style="list-style-type: none"> -35°C to 70°C (-31°F to 158°F)



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar				
A605025	25	34	150	1	435	254 ¹	0.54	20
A605040	38	51	150	1	435	456 ¹	1.30	20
A605050	51	65	150	1	435	612 ¹	1.71	20
A605080	76	92	150	1	435	912 ¹	2.45	20

¹ Denotes figure is calculated as theoretical.

Price Group: HR
DB14

Rubber Food and Beverage Delivery Hose Assembly (A605)

Application:	<ul style="list-style-type: none"> A superior quality hose; Mandrel built, suitable for conveying beer, wine, vinegar, soft and alcoholic drinks, potable water, and other foodstuff when a food-quality hose is required
Sizes:	<ul style="list-style-type: none"> ID 25mm to 76mm Standard length: 20m
Temperature:	<ul style="list-style-type: none"> -40°C to 120°C (-40° to 248°F)
Standard:	<ul style="list-style-type: none"> Food Grade FDA
Assembly Working Pressure:	<ul style="list-style-type: none"> 145 PSI



Price Group: HR
DB14

Rubber Food, Milk, and Beverage Suction & Delivery Hose (A621)

Application:	<ul style="list-style-type: none"> Special food suction and discharge hose, particularly suitable for transferring milk, wine, beer up to 96% alcohol, and potable water, either in-plant or tank truck service
Feature:	<ul style="list-style-type: none"> Minimum cut length of 5m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: blue/White, smooth food-quality rubber in accordance with FDA and 3A sanitary standards. NBR / EPDM blend Reinforcement: High strength synthetic cord and helix wire Cover: blue with white band, smooth (wrapped finish) synthetic rubber, abrasion and ozone resistant CR - Neoprene
Temperature:	<ul style="list-style-type: none"> For oily products -40°C to 120°C (-40°F to 248°F) For non-oily products -30°C to 100°C (-22°F to 212°F)
Standard:	<ul style="list-style-type: none"> FDA compliant and conforms to 3A sanitary standard 18-03



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/H ₂ O	Bend Radius (mm)	Weight (kg/m)	Length (m)
	ID	OD	PSI	Bar					
A621025	25.0	37.0	150	1	450	9	75	0.78	20
A621040	38.0	50.0	150	1	450	9	120	1.16	20
A621050	51.0	64.0	150	1	450	9	170	1.84	20
A621065	64.0	76.5	150	1	450	9	250	2.28	20
A621080	76.0	90.0	150	1	450	9	300	2.89	20
A621100	102.0	117.0	150	1	450	9	400	3.89	20

Price Group: HR
DB36

Rubber Food, Milk, and Beverage Suction & Delivery Hose (A635)



Application:	<ul style="list-style-type: none"> Hardwall hose for suction and discharge of milk and foodstuff. The lightweight structure makes it a particularly flexible and easy to handle hose
Features:	<ul style="list-style-type: none"> FDA tit.21, item 177.2600 for aqueous and fatty foods BfR XX1 cat 2 for foods D.M.21/03/73 for aqueous foods and alcohols to 22°C (72°F) EU regulation CE1925/04 and CE 2023/06
Materials:	<ul style="list-style-type: none"> Tube: white, smooth, food quality, 11R Butyl tube Reinforcement: high strength synthetic cord with steel wire helix Cover: blue smooth wrapped finish, EPDM rubber is weathering and abrasion resistant
Temperature:	<ul style="list-style-type: none"> -40°C to 120°C (-40°F to 248°F)

Part No.	Dimensions (mm)		Pressure						Bend Radius (mm)	Weight (kg/m)	Length (m)
			Positive PSI/Bar				Negative				
			Working		Burst		mmHg	Bar			
ID	OD	PSI	Bar	PSI	Bar						
A635020	20	30	90	6	270	18	525	0.7	55	0.68	20, 60
A635025	25	36	90	6	270	18	525	0.7	55	0.76	20, 60
A635040	38	49.5	90	6	270	18	450	0.6	85	1.28	20, 60
A635050	51	62.5	90	6	270	18	450	0.6	110	1.51	20, 60
A635065	63.5	76.5	90	6	270	18	375	0.5	140	2.30	20, 60
A635080	76	89.5	90	6	270	18	375	0.5	170	2.69	20, 60
A635100	102	116	90	6	270	18	300	0.4	225	3.25	20, 60

Price Group: HR
DB36

Rubber Food, Milk, and Beverage Suction & Delivery Hose Assembly (A635)



Application:	<ul style="list-style-type: none"> Hard wall hose for suction and discharge of milk and foodstuff The lightweight structure makes it a particularly flexible and easy to handle hose
Sizes:	<ul style="list-style-type: none"> 20m and 60m standard lengths
Feature:	<ul style="list-style-type: none"> Abrasion, antistatic, ozone resistant
Temperature:	<ul style="list-style-type: none"> -25°C to 80°C (-13°F to 176°F) Stem open end maximum 110°C (230°F) at 15 minutes
Standards:	<ul style="list-style-type: none"> FDA tit.21, item 177.2600 for aqueous and fatty foods BfR XX1 cat 2 for foods D.M.21/03/73 for aqueous foods and alcohols to 22°C (72°F) EU regulation CE1925/04 and CE 2023/06 FDA approved
Assembly Working Pressure:	<ul style="list-style-type: none"> 90 PSI

Price Group: HR
DB36

Rubber Premium Food and Wine Suction & Delivery Hose (A625) Crush Proof

Application:	<ul style="list-style-type: none"> Special food suction and discharge hose, particularly suitable for transferring
Features:	<ul style="list-style-type: none"> Crush proof / crush resistant Abrasion, anti-static, ozone resistant Minimum cut length of 5m, charges apply for cutting hose 60m can be made to order
Materials:	<ul style="list-style-type: none"> Tube: IIRButyl rubber white non-toxic Reinforcement: synthetic textile fabrics and two PET helix Cover: oil, heat, abrasion, ozone, and weather resistant, red, EPDM rubber, crush resistant cover
Temperature:	<ul style="list-style-type: none"> -40°C to 120°C (-40°F to 248°F)



Part No.	Dimensions (mm)		Pressure					Weight kg/mtr	Length mtr	Bend Radius (mm)	Vacuum M/h20
			Positive PSI/Bar				Negative				
	Working		Burst		Bar						
	PSI	Bar	PSI	Bar							
ID	OD	PSI	Bar	PSI	Bar	Bar					
A625025	25.4	41	150	10	450	31	0.8	1.03	20, 60	115	9
A625040	38.0	45	150	10	450	31	0.8	1.42	20, 60	180	9
A625050	50.8	67	150	10	450	31	0.8	1.78	20, 60	245	9
A625065	63.5	79	150	10	450	31	0.8	2.15	20, 60	310	9
A625075	76.2	94	150	10	450	31	0.8	2.84	20, 60	390	9
A625100	102.0	122.5	150	10	450	31	0.8	4.18	20, 60	555	9

Price Group: HR
DB36



Rubber Premium Food and Wine Suction and Delivery Hose Assembly (A625)

Applications:	<ul style="list-style-type: none"> Special food suction and discharge hose, particularly suitable for transferring milk, wine, beer, and potable water either in plant or tank service Crush resistant PET HELIX with FDA approval
Sizes:	<ul style="list-style-type: none"> ID: 25mm to 76mm Standard length: 20m and 60m
Features:	<ul style="list-style-type: none"> Crush proof / crush resistant Abrasion, antistatic, ozone resistant Synthetic textile fabrics with two PET crush resistant helix
Temperature:	<ul style="list-style-type: none"> -40°C to 120°C (-40°F to 248°F),
Assembly Working Pressure:	<ul style="list-style-type: none"> 150 PSI



Price Group: HR
DB36



Rubber Heavy Duty Water Suction and Delivery Hose (A210)



Application:	<ul style="list-style-type: none"> Suction and delivery of air, water, waste, mud etc.
Features:	<ul style="list-style-type: none"> Abrasion and ozone resistant cover Minimum cut length of 5m, charges apply for cutting hose
Materials:	<ul style="list-style-type: none"> Tube: NR/SBR Reinforcement: high-strength synthetic cord + wire helix Cover: black wrapped cover: long-lasting EPDM rubber is weather and ozone resistant
Temperature:	<ul style="list-style-type: none"> -30°C to 70°C (-22°F to 158°F)

Part No.	Dimensions (mm)		Working Pressure						Vacuum (m.H2O)	Bend Radius (mm)	Weight kg/m	Coil Lengths (m)
			Positive PSI/Bar				Negative					
			Working		Burst		M/H ₂ O	Bar				
			PSI	Bar	PSI	Bar						
A210020	19	29	145	10	435	30	8.8	8.8	133	0.53	20,60	
A210025	25	35	145	10	435	30	8.8	8.8	178	0.68	20,60	
A210032	32	42	145	10	435	30	8.8	8.8	224	0.93	20,60	
A210038	38	51	145	10	435	30	9.0	9	266	1.27	20,60	
A210050	51	63	145	10	435	30	9.0	9	356	1.72	20,60	
A210063	63	76	145	10	435	30	9.0	9	445	2.37	20,60	
A210080	76	90	145	10	435	30	9.0	9	533	2.79	20,60	
A210090	90	105	145	10	435	30	9.0	9	630	3.86	20,60	
A210100	102	116	145	10	435	30	9.0	9	711	4.33	20,60	
A210125	127	145	145	10	435	30	9.0	9	889	7.23	20	
A210150	152	167	145	10	435	30	9.0	9	1067	10.18	20	
A210200	203	222	145	10	435	30	9.0	9	1421	17.82	20	
A210250	254	275	145	10	435	30	9.0	9	1778	24.40	10	

Price Group: HR

DB16

Rubber Heavy Duty Air and Water Suction and Delivery Hose Assembly (A210)



A210 Hose fitted with Bauers & Band Clamps



Application:	<ul style="list-style-type: none"> Heavy duty hose for suction and delivery services of air, water, waste, mud mining, construction, refineries, dewatering
Sizes:	<ul style="list-style-type: none"> ID 100mm – 300mm Smaller bore hose available down to 20mm
Features:	<ul style="list-style-type: none"> All fittings are secured with Ultra-lok® band clamps. Abrasion resistant Suitable for suction and open ended delivery If a pressurised assembly is required, contact Dixon™ Foot valves and strainers to suit
Materials:	<ul style="list-style-type: none"> Tube: natural and synthetic rubber - NR/SBR Reinforcement: textile reinforcement and steel wire helix Cover: black smooth (wrapped finish), EPDM rubber, ozone and weathering resistant A variety of different fittings and materials available
Temperature:	<ul style="list-style-type: none"> -30°C to 70°C (-22°F to 158°F)

Assembly Working Pressure:	<ul style="list-style-type: none"> Working pressure will vary depending on size, fitting, and clamp selection Contact Dixon™ for further information
-----------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Part No.	Hose	Assembled with	Vacuum (m.H2O)	Bend Radius (mm)	Length (m)
A210100F	A210100	100mm standard male & female Bauer couplings	9	711	6
A210150F	A210150	150mm standard male & female Bauer couplings	9	1067	3
A210200F	A210200	200mm standard male & female Bauer couplings	9	1421	3

Price Group: HR

DB16

Assembly Working Pressures



Assembly working pressures may vary slightly depending on the size, hose, fittings, and clamps selected. Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application. Dixon™ also recommends all hose assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Spiral Hose Guards

Applications:	<ul style="list-style-type: none"> Spiral wrap is designed to bundle and/or protect hose and cables from abrasion. Manufactured from tough polyethylene, it is ultra violet stabilised and is unaffected by most petroleum-based products including oil Rolled edged finish Packed in cardboard cartons 				
Feature:	<ul style="list-style-type: none"> Black, red, blue, yellow 				
Temperature:	<ul style="list-style-type: none"> 0°C to 82°C (32°F to 179°F) 				
Part No.	Dimensions (mm)		Wall Thickness	Suits hose OD range	Box Quantity (m)
	ID	OD			
R1220BK	9	13	2.00	9-12	20
R1620B	12	16	2.25	12-17	20
R2020B	15	20	2.50	16-22	20
R2520B	19	25	2.75	22-28	20
R3220B	23	30	3.50	27-33	20
R4020B	30.5	39	4.25	33-42	20
R5020B	38	46.5	4.25	42-55	20
R6520B	47	58	5.50	52-65	20
R7520B	61	73	6.00	65-80	20
R9020B	70.5	84.5	7.00	80-150	20
R11010B	84	99	7.50	150	10



Price Group: HR
DC07

Hose Glide Rings

Features:	<ul style="list-style-type: none"> Rings come in two halves and can be fitted anywhere along the hose length Hose glides easily across the floor without catching, protecting the outer cover Glide rings hold hoses off the floor preventing damming, build-up of washdown liquids behind the hose. 	
Material:	<ul style="list-style-type: none"> Hard, bearing-type, plastic 	
	Part No.	
	HGR-050	
	HGR-076	
	HGR-100	



Price Group: DS
AV13



Industrial Valves	112-115
Ball	113-114
One Piece	113
Two Piece	113
Three Piece	114
Solenoid	114
Knife Gate	115

F



One Piece Ball Valves

Application:	<ul style="list-style-type: none"> For use with air, water, oil, gas, and most chemicals
Features:	<ul style="list-style-type: none"> Standard port Locking device standard End connection: Female x female BSP
Materials:	<ul style="list-style-type: none"> Body: 316 stainless steel Seat and trim: PTFE seat
Pressure:	<ul style="list-style-type: none"> 15mm to 40mm rated to 800 PSI 50mm rated to 600 PSI

Size		Part No.
inch	mm	
¼	6	SS1P006
⅜	10	SS1P010
½	15	SS1P012
¾	20	SS1P020
1	25	SS1P025
1¼	32	SS1P032
1½	40	SS1P040
2	50	SS1P050

Price Group: SD
AR02



Two Piece Ball Valve

Application:	<ul style="list-style-type: none"> For use with air, water, oil, gas, and most chemicals
Features:	<ul style="list-style-type: none"> Full bore Locking device standard End connections: Female x female BSP
Materials:	<ul style="list-style-type: none"> Body: 316 stainless steel Seat and trim: PTFE seat
Pressure:	<ul style="list-style-type: none"> 15mm to 40mm rated to 800 PSI 50mm rated to 600 PSI

Size		Part No.
inch	mm	
¼	6	SS2P006
⅜	10	SS2P010
½	15	SS2P012
¾	20	SS2P020
1	25	SS2P025
1¼	32	SS2P032
1½	40	SS2P040
2	50	SS2P050
2.5	65	SS2P065
3	75	SS2P075
4	100	SS2P100

Price Group: SD
AR02



Three Piece Ball Valves



Application:	<ul style="list-style-type: none"> For use with air, water, oil, gas, and most chemicals
Features:	<ul style="list-style-type: none"> Full bore Locking device standard End connection: female x female BSP
Materials:	<ul style="list-style-type: none"> Body: 316 stainless steel Seat and trim: PTFE seat
Pressure:	<ul style="list-style-type: none"> 15mm to 40mm rated to 800 PSI 50mm to 100mm rated to 600 PSI

Size		Part No.
inch	mm	
½	15	SS3P015
¾	20	SS3P020
1	25	SS3P025
1¼	32	SS3P032
1½	40	SS3P040
2	50	SS3P050
2½	65	SS3P065
3	80	SS3P075
4	100	SS3P100

Price Group: SD

AR02

Brass Solenoid Valves - Fig B35



Application:	<ul style="list-style-type: none"> Air and fluid
Feature:	<ul style="list-style-type: none"> End connection: BSP Female
Material:	<ul style="list-style-type: none"> Body: brass, differential NC, and NO

Size (mm)	Type	Part No.
Normally Closed		
15	24V DC	VSOL-15
15	24V DC c/w manual override	VSOL-15-M0
20	24V DC	VSOL-20
15	24V DC	VSOL-8615-NC
25	24V DC	VSOL-8616-NC
40	24V DC	VSOL-8618-NC
Normally Open		
20	24V DC	VSOL-8715-NO
25	24V DC	VSOL-8716-NO
40	24V DC	VSOL-8718-NO

Price Group: SD

VB10

Knife Gate Valves

Application:	<ul style="list-style-type: none"> Pulp/paper, mining, food and beverage, water and waste water, chemical plants and steel industry
Features:	<ul style="list-style-type: none"> Knife gate valve lugged - Uni - Directional to MSS-SP-81 End connection: lugged to AS2129 / AS4087 Table D as standard; ANSI 150, PN10 on request Actuator: manual hand wheel and pneumatic actuated
Materials:	<ul style="list-style-type: none"> Body, knife: 316 stainless steel (CF8M) Seat: NBR standard; 316 stainless steel, PTFE, FKM, EPDM on request
Working Pressure:	<ul style="list-style-type: none"> PN (1000KPA)

Size (mm)	Description	Part No.
Hand Wheel		
50	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-050-RS-SS
65	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-065-RS-SS
80	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-080-RS-SS
100	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-100-RS-SS
125	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-125-RS-SS
150	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-150-RS-SS
200	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-200-RS-SS
250	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-250-RS-SS
300	316 stainless steel resilient seat, hand wheel, Lug T/D	VKG-300-RS-SS
Double Acting		
80	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-080-SS-ACT
100	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-100-SS-ACT
125	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-125-SS-ACT
150	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-150-SS-ACT
200	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-200-SS-ACT
250	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-250-SS-ACT
300	316 stainless steel, resilient seat, Lug T/D, double acting	VKG-300-SS-ACT

Price Group: SD
VC05



Hand Wheel

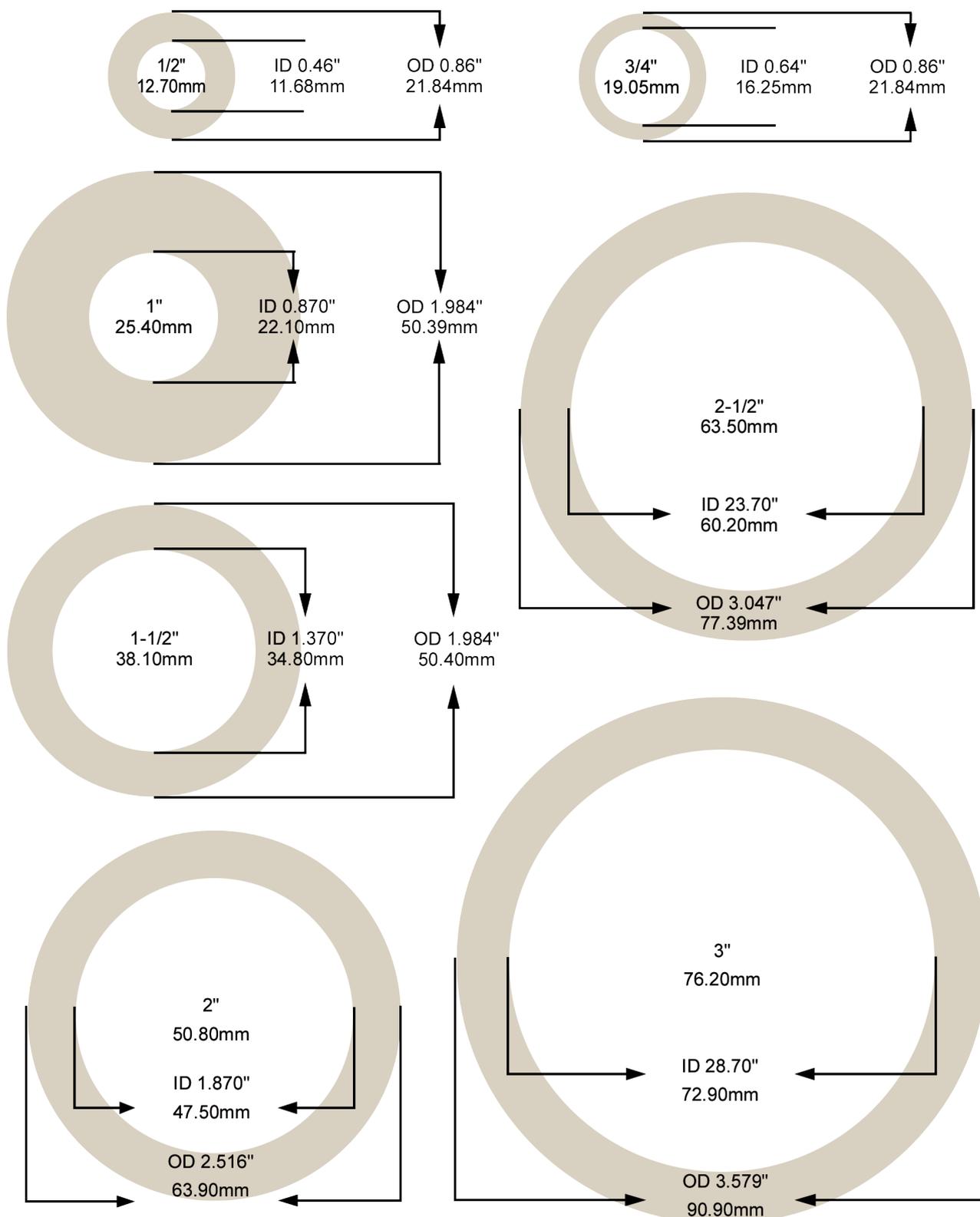


Double Acting

Technical Information	116-135
Clamp Fittings and Gasket Sizing Guide	117-118
Identifying Fittings	119-130
Clamp Ferrules	119
DIN 11851 Ferrules	120
RJT Ferrules	121
Australian CIP Flat Face Ferrules	122
New Zealand RJT	123
SMS Ferrules	124
I-Line Ferrules	125
John Perry Ferrules	129
Danish Standard Ferrules	127
Bevel Seat Ferrules	128
IDF/ISO Couplings	129
Q-Line Ferrules	130
Garolla Fittings	130
Sanitary Gaskets	131
Colour Coding - Identification of Gasket Materials	131
Packing and Storing Information	131
Particulate Reference Chart	132
A Guideline for Compound Selection	
for Use with Various Fluids and Chemicals	133-135



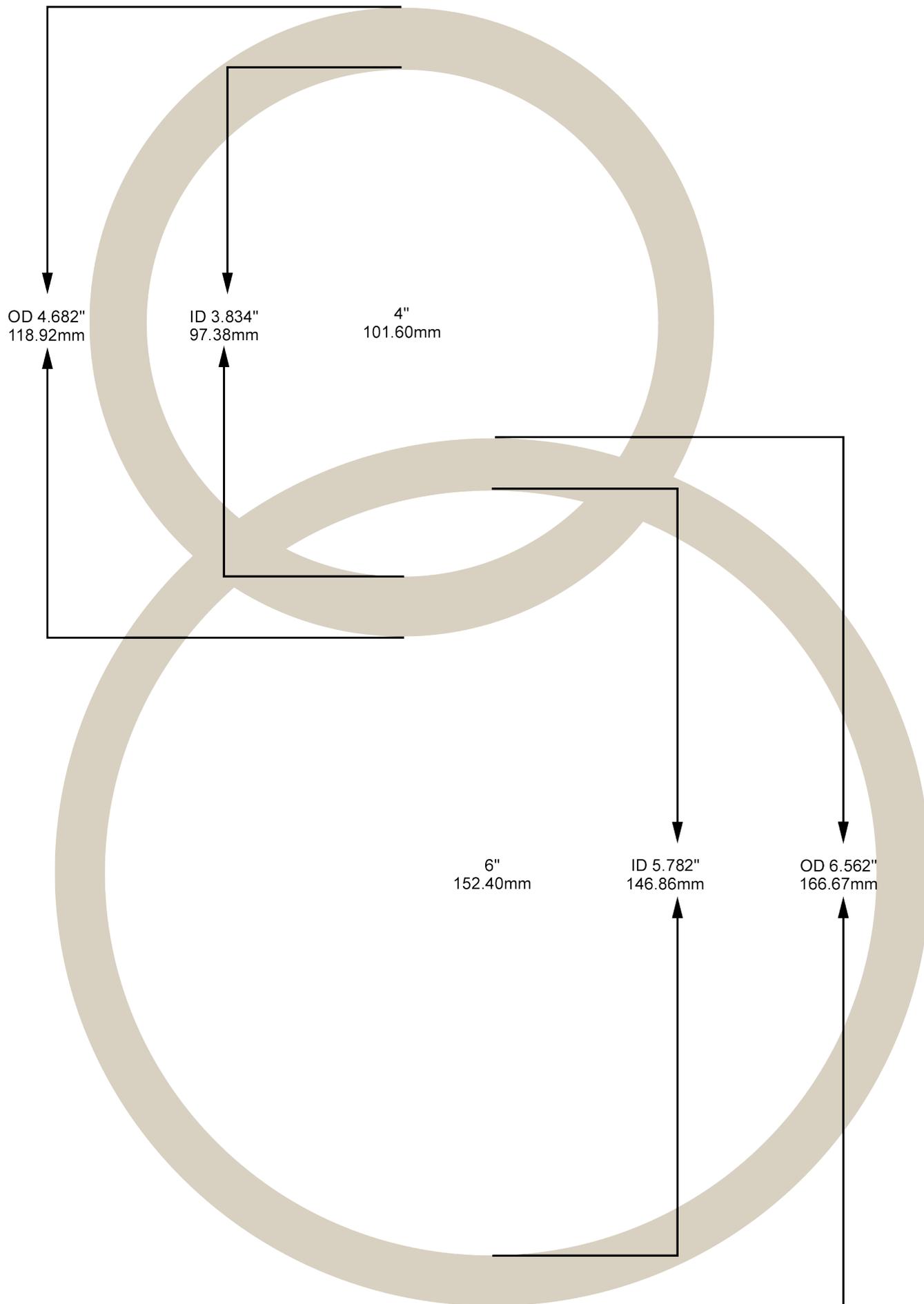
Clamp Fittings and Gasket Sizing Guide



Sanitary Size (inch)	Tube Size (inch)	Tube Size (mm)	Tube OD (inch)	Tube OD (mm)
1/2	0.992	25.19	0.370	9.40
3/4	0.992	25.19	0.620	15.74
1	1.984	50.35	0.870	22.10
1 1/2	1.984	50.35	1.370	34.80
2	2.516	63.90	1.870	47.50
2 1/2	3.047	77.39	2.370	60.20

Sanitary Size (inch)	Tube Size (inch)	Tube Size (mm)	Tube OD (inch)	Tube OD (mm)
3	3.579	90.90	2.870	72.90
4	4.682	118.92	3.834	97.38
6	6.562	166.67	5.782	146.86
8	8.602	218.49	7.782	197.66
10	10.570	268.48	9.782	248.46
12	12.570	319.28	11.760	298.70



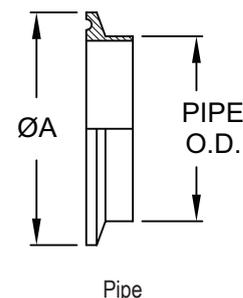
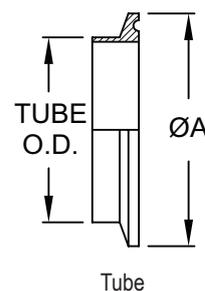
Clamp Fittings and Gasket Sizing Guide

G

Identifying Fittings - Clamp Ferrules

Liners

Tube OD (inches)	ØA (mm)
1/2	25.1
3/4	25.1
1	50.5
1 1/2	50.5
2	64.0
2 1/2	77.5
3	91.0
4	119.0
5	166.1
6	212.5
8	218.5
10	268.4
12	319.2

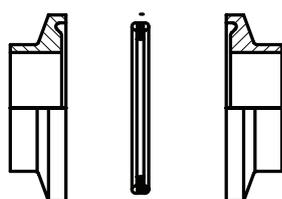


Note:
Flanges are symmetrical.

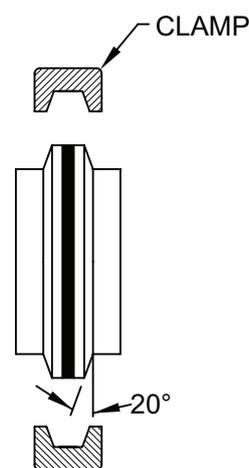
Males

Tube Size (inches)	Tube OD (inches)	ØA (mm)
1	33.40	50.39
1 1/4	42.16	63.90
1 1/2	48.26	63.90
2	60.32	77.36
2 1/2	73.02	90.90
3	88.90	104.77
4	114.30	130.17
6	168.28	182.75
8	219.07	233.68

Identifying Fittings - Clamp Connections



Sizes 1/2" and 3/4"

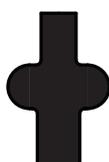


Sizes 1" - 12"

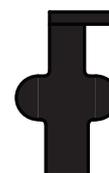
Identifying Fittings - Gaskets



Type 1 Standard
1/2" and 3/4"

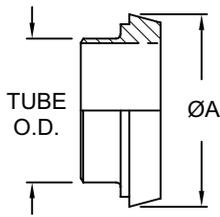


Type 1 Standard
1" - 12"



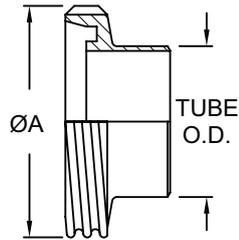
Type 2 Flanged
1" - 12"

Identifying Fittings - DIN 11851 Ferrules



Liners

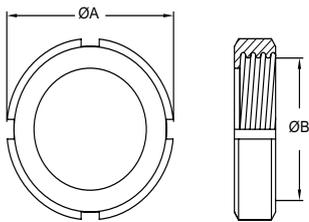
Tube OD (inches)	ØA (mm)
1	43.90
1½	55.88
2	68.07
2½	86.12
3	100.08
4	120.90



Males

Tube OD (inches)	ØA (mm)
1	51.82
1½	65.02
2	77.98
2½	95.00
3	109.47
4	129.54

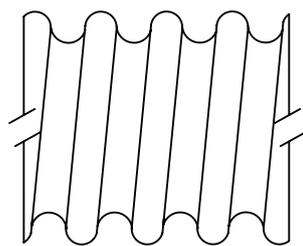
Identifying Fittings - DIN Round Nuts



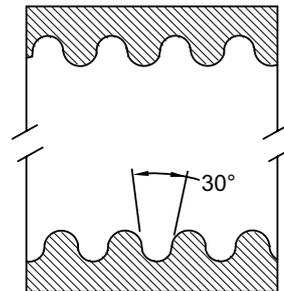
Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	63.00	47.75	6
1½	40	77.98	60.71	6
2	50	91.95	73.66	6
2½	65	112.01	88.65	6
3	80	127.00	105.16	4
4	100	148.08	125.48	4

Note: Nuts 3" and larger will have 6 slots

Identifying Fittings - DIN Thread Form



Male Thread



Female Thread

Identifying Fittings - Gaskets



Type A

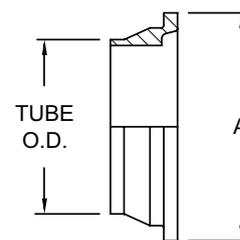


Type B

Identifying Fittings - RJT Ferrules

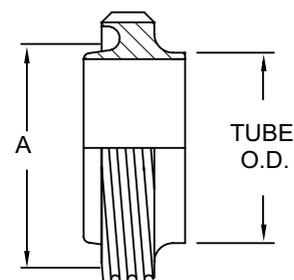
Liners

Tube OD (inches)	ØA (mm)
1	41.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5



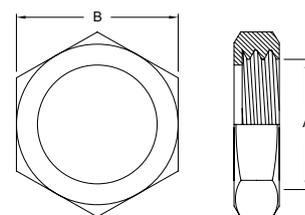
Males

Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5

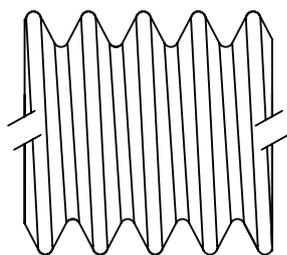


Identifying Fittings - RJT Hex Nuts

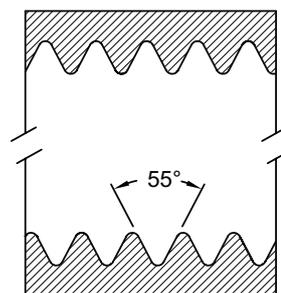
Tube OD (inches)	ØA Thread ID (mm)	B Across flats (mm)	Threads per inch
1	33.3	50.8	8
1½	46.0	65.0	8
2	58.7	79.4	6
2½	71.4	92.1	6
3	84.1	104.8	6
4	109.5	130.2	6



Identifying Fittings - RJT Thread Form (British Standard Whitworth)

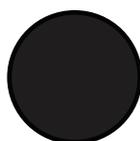


Male Thread



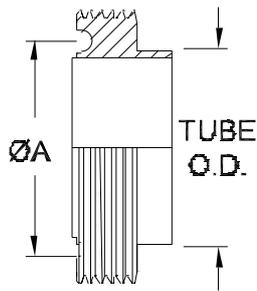
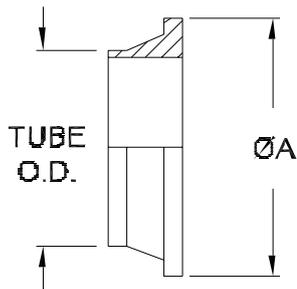
Female Thread

Identifying Fittings - Gasket



Also known as BSM (British Standard Milk) in Australia modified into Australian CIP Union

Identifying Fittings - Australian CIP Flat Face Ferrules



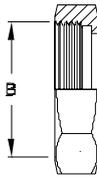
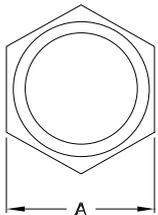
Liners

Tube OD (inches)	ØA (mm)
1	41.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5

Males

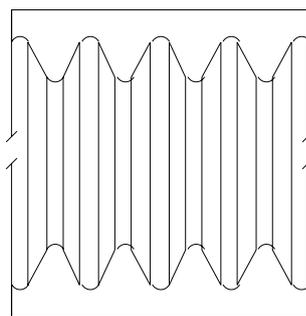
Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5

Identifying Fittings - Hex Nuts

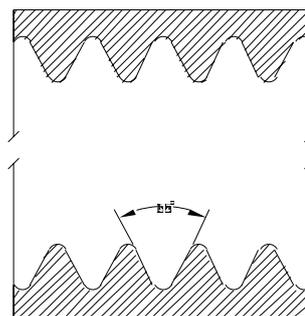


Tube OD (inches)	DN	B Thread ID (mm)	ØA (mm)	Threads per inch
1	25	33.3	50.8	6
1½	40	46.0	65.0	6
2	50	58.7	79.4	6
2½	65	71.4	92.1	6
3	80	84.1	104.8	4
4	100	109.5	130.2	4

Identifying Fittings - RJT Thread Form (British Standard Witworth)

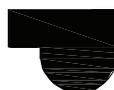


Male Thread



Female Thread

Identifying Fittings - Gasket

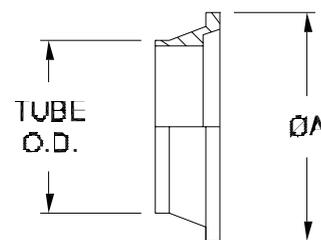


Also known as BSM (British Standard Milk) in Australia modified into Australian CIP Union

Identifying Fittings - New Zealand RJT

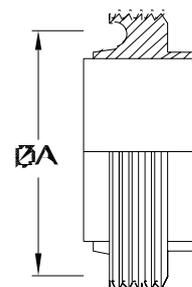
Liners

Tube OD (inches)	ØA (mm)
1	91.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5



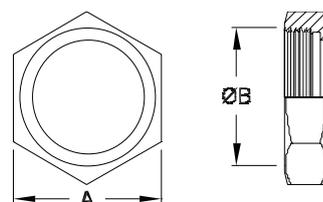
Males

Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5



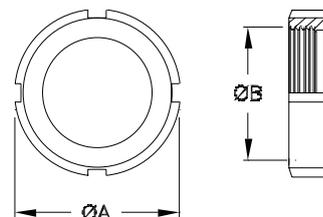
Identifying Fittings - Hex Nuts

Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	50.8	33.3	6
1½	40	65.0	46.0	6
2	50	79.4	58.7	6
2½	65	92.1	71.4	6
3	80	104.8	84.1	4
4	100	130.2	109.5	4

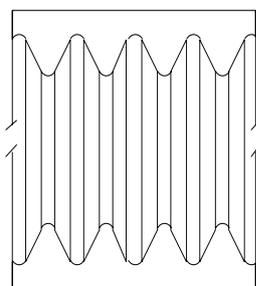


Identifying Fittings - Round Nuts

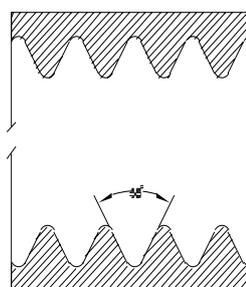
Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	58.5	33.3	6
1½	40	74.0	46.0	6
2	50	85.5	58.7	6
2½	65	98.5	71.4	6
3	80	111.6	84.1	4
4	100	138.0	109.5	4



Identifying Fittings - RJT Thread Form (British Standard Witworth)



Male Thread

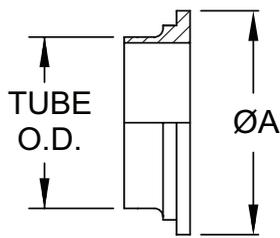


Female Thread

Identifying Fittings - Gasket

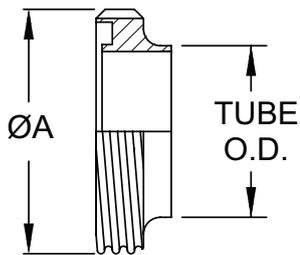


Identifying Fittings - SMS Ferrules



Liners

Tube OD (inches)	ØA (mm)
1	35.56
1½	55.11
2	65.00
2½	80.01
3	92.96
4	118.11

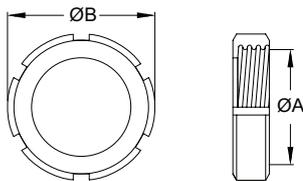


Males

Tube OD (inches)	ØA (mm)
1	39.37
1½	59.44
2	69.60
2½	84.58
3	97.54
4	124.46

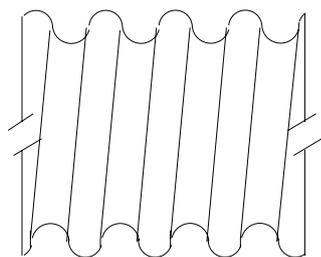
Identifying Fittings - Round Nuts

All nuts have 6 slots

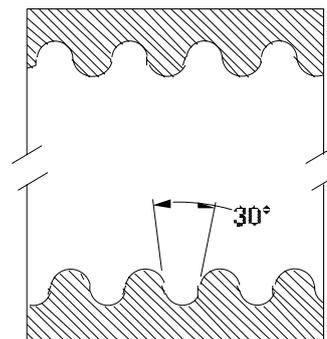


Tube OD (inches)	ØA Thread ID (mm)	ØB (mm)	Threads per inch
1	36.58	51.05	6
1½	56.39	73.90	6
2	66.55	84.07	6
2½	81.53	100.08	6
3	94.49	114.05	6
4	119.89	137.92	4

Identifying Fittings - SMS Thread Form (DIN 405/1)



Male Thread



Female Thread

Identifying Fittings - Gaskets



L GASKET

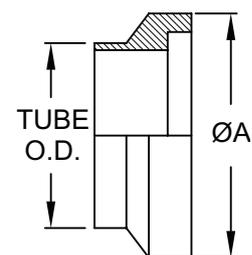


R GASKET

Identifying Fittings - I-Line Ferrules

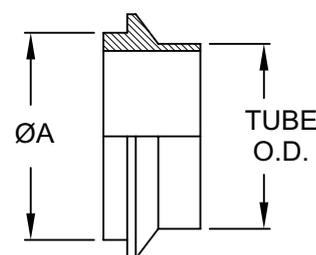
Females

Tube OD (inches)	ØA (mm)
1	50.42
1½	50.42
2	67.05
2½	83.99
3	98.29
4	123.69
6	190.37
8	252.60

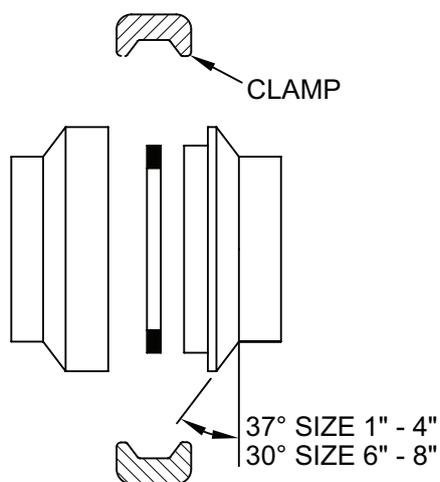


Males

Tube OD (inches)	ØA (mm)
1	31.75
1½	44.19
2	56.89
2½	69.59
3	83.62
4	109.14
6	173.48
8	224.28



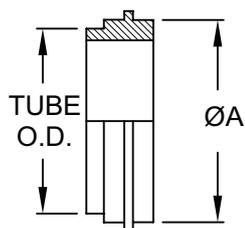
Identifying Fittings - Clamp Connections



Identifying Fittings - Gasket

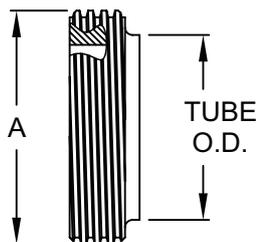


Identifying Fittings - John Perry Ferrules



Tube OD (inches)	ØA (mm)
1	28.57
1½	42.06
2	55.37
2½	67.46
3	80.95
4	106.35

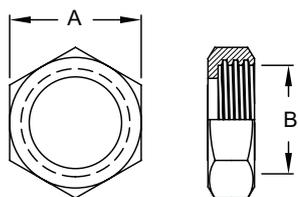
Plain



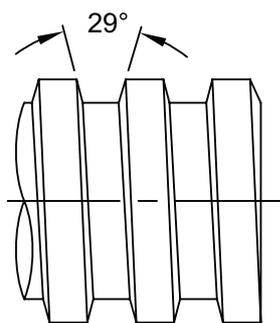
Tube OD (inches)	ØA (mm)
1	37.13
1½	50.65
2	64.16
2½	77.67
3	91.18
4	119.25

Threaded

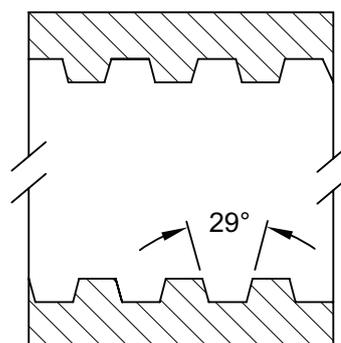
Identifying Fittings - 13H Hex Nuts



Tube OD (inches)	A Across Flats (mm)	B Thread ID (mm)	Threads per inch
1	46.02	34.59	8
1½	61.11	48.10	8
2	76.20	61.62	8
2½	91.28	75.13	8
3	106.37	88.64	8
4	138.12	115.67	6



Male Thread



Female Thread

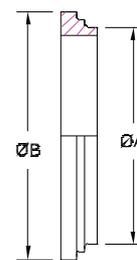
Identifying Fittings - Gasket



Identifying Fittings - Danish Standard Ferrules

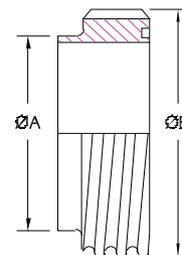
Weld Liners

Tube OD (inches)	ØA	ØB
1	1.457	1.496
1½	1.850	1.969
2	2.244	1.969
2½	2.638	2.461
3	3.031	2.461
4	3.543	2.461



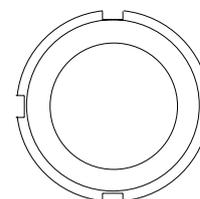
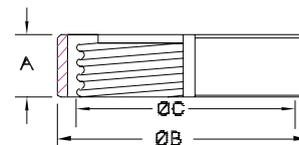
Weld Male

Size (inches)	ØA	ØB
1	1.000	1.732
1½	1.511	2.283
2	2.024	2.835
2½	2.516	3.386
3	3.008	3.937
4	4.018	5.118

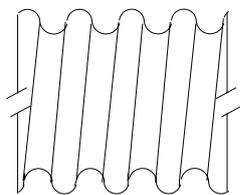


Identifying Fittings - Round Nuts

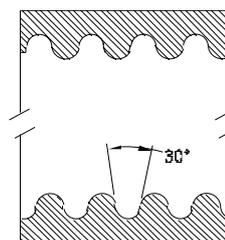
Size (inches)	A	ØB	ØC	Threads per inch
1	0.787	2.244	1.732	6
1½	0.787	2.795	2.283	6
2	0.787	3.386	2.835	6
2½	0.945	4.055	3.386	6
3	0.984	4.528	3.937	6
4	1.102	5.906	5.118	6



DS Thread Form (DIN 405/1)



Male Thread

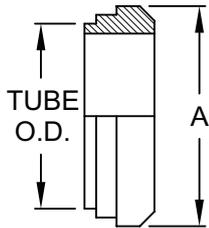


Female Thread

Identifying Fittings - Gasket

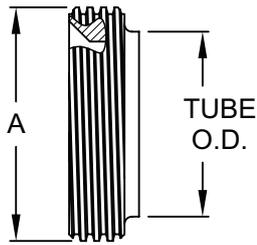


Identifying Fittings - Bevel Seat Ferrules



Tube OD (inches)	ØA (mm)
1	33.32
1½	46.93
2	60.45
2½	73.96
3	87.47
4	114.5

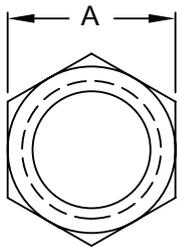
Plain



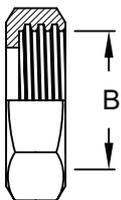
Tube OD (inches)	ØA (mm)
1	37.13
1½	49.37
2	64.16
2½	77.67
3	91.18
4	119.25

Threaded

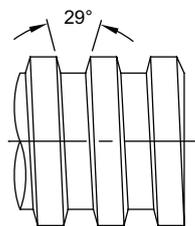
Identifying Fittings - 13H Hex Nuts



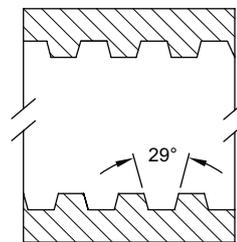
Tube OD (inches)	A Across Flats (mm)	B Thread ID (mm)	Threads per inch
1	46.02	34.59	8
1½	61.11	48.1	8
2	76.2	61.62	8
2½	91.28	75.13	8
3	106.32	88.64	8
4	138.12	115.67	6



Identifying Fittings - ACME Thread Form



Male Thread



Female Thread

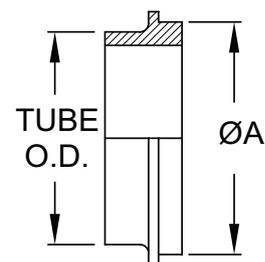
Identifying Fittings - Gasket



Identifying Fittings - IDF/ISO Couplings

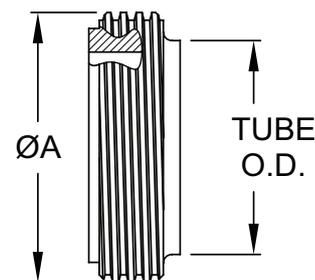
Liners

Tube OD (inches)	ØA (mm)
1	33.78
1½	46.99
2	60.45
2½	73.91
3	87.37
4	120.65



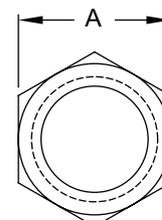
Males

Tube OD (inches)	ØA (mm)
1	37.08
1½	50.54
2	64.26
2½	77.72
3	91.18
4	125.98

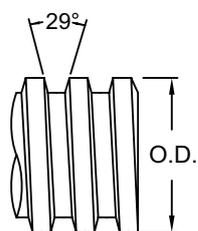


Identifying Fittings - IDF Hex Nuts

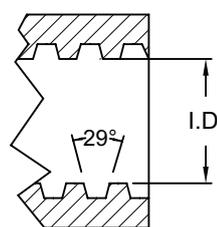
Tube OD (inches)	A Across Flats (mm)	B Thread ID (mm)	Threads per inch
1	45.97	34.29	8
1½	59.94	47.75	8
2	74.93	61.46	8
2½	89.91	74.93	8
3	104.9	88.39	8
4	133.09	122.17	6



Identifying Fittings - IDF Thread Form (same as Acme thread form)



Male Thread



Female Thread

Identifying Fittings - Gaskets

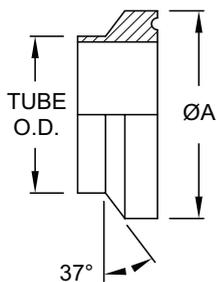


BS4825



ISO

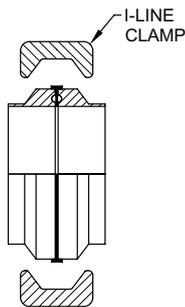
Identifying Fittings - Q-Line Ferrules



Both halves of a jointed connection are symmetrical

Tube OD (inches)	ØA (mm)
1	50.42
1½	50.42
2	67.05
2½	83.99
3	98.3
4	123.69

Identifying Fittings - Clamp Connection

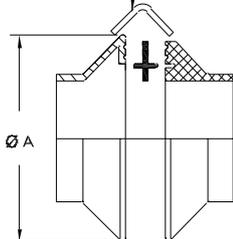
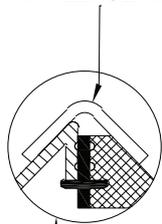


Identifying Fittings - Gasket



Identifying Fittings - Garolla Fittings

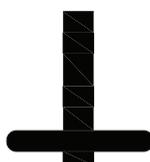
USES STAMPED CLAMP



DIN	ØA (mm)
40	67.05
50	77.97
60	87.88
70	98.04
80	107.95
100	127.00
120	157.98
150	187.96

STAMPED | MACHINED

Identifying Fittings - Gasket



Sanitary Gaskets

Materials:	<ul style="list-style-type: none"> Nitrile (Buna N) Silicone (peroxide cured) EPDM FKM PTFE
Specifications:	<ul style="list-style-type: none"> All elastomeric gaskets require periodic replacement Gasket life is influenced by the gasket material, product application, temperature, cleaning procedures, etc. After monitoring gasket conditions in a process system, a schedule should be developed for replacement of gaskets
Approvals:	<ul style="list-style-type: none"> US Pharmacopoeia Class VI Cytotoxicity Criteria Title 21CFR177.2600 & .1550 USDA and 3A Sanitary Standards



Colour Coding - Identification of Gasket Materials

Elastomer	Part Number Identifier	Color Code	Temperature	
			Celsius	Fahrenheit
Buna-N	U	1 red dot	-32°C to 107°C	-25°F to 225°F
White Buna-N	UW	1 red dot	-32°C to 107°C	-25°F to 225°F
EPDM peroxide cured	E	3 green dots	-40°C to 135°C	-40°F to 275°F
FKM	SFY	1 white dot & 1 yellow dot	-26°C to 191°C	-15°F to 375°F
Silicone peroxide cured	XW	1 pink dot	-45°C to 204°C	-50°F to 400°F
Silicone peroxide cured	XC	none	-45°C to 204°C	-50°F to 400°F
PTFE	G	none	-23°C to 149°C	-10°F to 300°F
PTFE w/50% 316 particles	GTS	none	-29°C to 232°C	-20°F to 450°F
Metal Detectable Buna	UZ	2 blue dots & 1 red dot	-34°C to 93°C	-30°F to 200°F
Metal Detectable EPDM	EZ	2 blue dots & 3 green dots	-29°C to 149°C	-20°F to 300°F
Metal Detectable Silicone	SFYZ	2 blue dots	-40°C to 232°C	-40°F to 450°F

Packaging and Storing Information

The shelf life of rubber gaskets is the maximum period from cure date to the date the product is installed. During the shelf life time, the rubber product is expected to retain its characteristics under the following conditions:

- stored in original packaging in a clean, dry warehouse
- not exposed to direct sunlight
- stored no closer than 6 feet from electric motors
- temperature between 18°C to 29°C (65°F to 85°F)

A guideline for shelf life of rubber gaskets manufactured from the following components should have the following shelf life not to exceed:

- Buna10 years
- EPDM10 years
- FKM10 years
- Silicone5 years
- PTFE20 years
- Buna, EPDM, and Silicone Metal Detectable Gaskets10 years



Particulate Reference Chart

316 Square Mesh Wire Cloth Information

- Special order parts, minimum order quantities required



Mesh	Micron Equivalent	Opening Width	Wire Diameter	Openings per Square Inch
4	5400	.215	.035	16
6	3221	.132	.035	36
8	2441	.097	.028	64
9	2089	.083	.025	81
10	1887	.075 ¹	.023	100
12	1510	.050	.023	144
14	1283	.051 ²	.020	196
16	1082	.0455	.016	256
20	855	.034	.016	400
30	427	.017	.016	900
35	422	.0168	.0118	1275
40	377	.015	.010	1600
50	276	.011	.009	2500
60	226	.009	.0075	3600
80	176	.007	.0055	6400
100	151	.006 ³	.0045	10,000
120	120	.0048 ³	.0035	14,400
150	103	.0041 ³	.0026	22,500
200	73	.0029 ³	.0021	40,000

¹ Standard size for clamp style gaskets

² Standard size for bevel seat size gaskets

³ Available in only 1", 1½", and 2" sizes

Perforated 316 Disc Information



- 1 micron = .00003973 inches
- Special order - minimums apply

Hole Diameter (inch)	Micron Equivalent	Open Area
.020	503	30%
.033 ¹	803	28%
.063	1573	23%
.100	2517	33%
.125	3146	40%
.250	6350	58%

¹ Standard size for clamp style

A Guideline for Compound Selection for Use with Various Fluids and Chemicals

Note: The information contained in these tables was derived from several sources and is to be used as a general guide only. Compounds suitable for any specific application rests solely by the end user. Dixon Sanitary assumes no responsibility. All effect ratings assume static conditions at ambient temperatures.

- A - satisfactory
- B - fair
- C - severe effect; except for some static applications
- D - unsatisfactory
- E - insufficient information

Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Acetaldehyde	D	A	D	A	B
Acetamide	A	A	B	A	B
Acetic Acid, 30%	B	A	B	A	A
Acetone	D	A	D	A	C
Acetophenone	D	A	D	A	D
Acetyl Chloride	D	D	A	A	C
Acetylene	A	A	A	A	B
Acrylonitrile	D	D	C	A	D
Adipic Acid	A	A	E	E	E
Ammonia Gas (cold)	A	A	D	A	A
Ammonium Chloride (aq)	A	A	A	A	E
Ammonium Hydroxide (conc.)	D	A	B	A	A
Ammonium Nitrate (aq)	A	A	E	A	E
Ammonium Nitrite (aq)	A	A	E	E	B
Ammonium Phosphate (aq)	A	A	E	A	A
Ammonium Sulfate (aq)	A	A	D	A	E
Amyl Acetate (Banana Oil)	D	A	D	A	D
Amyl Alcohol	B	A	B	A	D
Amyl Borate	A	D	A	A	E
Arsenic Acid	A	A	A	E	A
Arsenic Trichloride (aq)	A	C	E	E	E
Barium Chloride (aq)	A	A	A	A	A
Barium Hydroxide (aq)	A	A	A	A	A
Barium Sulfate (aq)	A	A	A	A	A
Barium Sulfide (aq)	A	A	A	A	A
Benzaldehyde	D	A	D	A	B
Benzene	D	D	A	A	D
Benzoic Acid	C	C	A	A	C
Benzoyl Chloride	D	D	A	A	E
Benzyl Alcohol	D	A	A	A	B
Benzyl Chloride	D	D	A	A	D
Boric Acid	A	A	A	A	A
Brine	A	A	A	A	A
Bromine, Anhydrous	D	D	A	E	D
Bromine Water	D	B	A	E	D
Butadiene	D	C	A	A	D
Butane	A	D	A	A	D
Butyl Acetate	D	C	D	E	D
Butyl Acetyl Ricinoleate	C	A	A	E	E
Butyl Alcohol	A	B	A	A	B
Butyl Amine	C	B	D	E	D
Butyl Benzoate	D	B	A	E	E
Butyl Carbitol	D	A	A	A	D
Butyl Cellosolve	D	A	D	A	E
Butyl Oleate	D	B	A	E	E
Butyl Stearate	B	C	A	E	E
Butylene	B	D	A	E	D
Butyraldehyde	D	B	D	E	D

Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Carbolic Acid (Phenol)	D	B	A	A	D
Carbon Bisulfide	C	D	A	E	D
Carbon Dioxide	A	B	A	E	B
Carbonic Acid	B	A	A	E	A
Carbon Monoxide	A	A	A	A	A
Carbon Tetrachloride	C	D	A	A	D
Castor Oil	A	B	A	A	A
Cellosolve Acetate	D	B	D	A	D
China Wood Oil (Tung Oil)	A	C	A	A	D
Chlorine (wet)	D	C	A	A	D
Chlorine Dioxide	D	C	A	A	E
Chloroacetic Acid	D	A	D	A	E
Chloroacetone	D	A	D	E	D
Chlorobenzene	D	D	A	E	D
Chlorobromomethane	D	B	A	E	D
Chloroform	D	D	A	A	D
Chlorotoluene	D	D	A	E	D
Chrome Plating Solutions	D	C	A	A	C
Chromic Acid	D	B	A	A	B
Cod Liver Oil	A	A	A	A	B
Copper Acetate (aq)	B	A	D	E	D
Copper Chloride (aq)	A	A	A	A	A
Copper Cyanide (aq)	A	A	A	A	A
Copper Sulfate (aq)	A	A	A	A	A
Creosote (coal tar)	A	D	A	A	D
Cresylic Acid	D	D	A	E	D
Cyclohexane	A	D	A	A	D
Cyclohexanol	C	C	A	E	D
Cyclohexanone	D	B	D	E	D



Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Denatured Alcohol	A	A	A	A	A
Detergent Solutions	A	A	A	A	A
Diacetone Alcohol	D	A	D	A	B
Dibenzyl Ether	D	B	D	A	E
Dibenzyl Sebecate	D	B	B	E	C
Dibromoethyl Benzene (Alkazene)	D	D	B	E	D
Dibutyl Amine	D	C	D	E	C
Dibutyl Ether	D	C	C	E	D
Dibutyl Phthalate	D	B	C	A	B
Dibutyl Sebecate	D	B	B	E	B
O-Dichlorobenzene	D	D	A	E	D
Dichloro-Isopropyl Ether	D	C	C	E	D
Diethylamine	B	B	D	A	B
Diethyl Benzene	D	D	A	E	D
Diethyl Ether	D	D	D	E	D
Diethylene Glycol	A	A	A	E	B
Diethyl Sebecate	B	B	B	E	B
Diisobutylene	B	D	A	E	D
Diisopropyl Benzene	D	D	A	E	E
Diisopropyl Ketone	D	A	D	E	D
Diisopropylidene Acetone	D	C	D	E	D
Dimethyl Aniline (Xylidine)	C	B	D	E	D
Dimethyl Ether (Methyl Ether)	A	D	A	E	A
Dimethyl Formamide	B	B	D	E	B
Dimethyl Phthalate	D	B	B	E	E
Dinitrotoluene	D	D	D	E	D
Diocetyl Phthalate	C	B	B	E	C
Diocetyl Sebecate	D	B	B	E	C
Dioxane	D	B	D	E	D
Dioxolane	D	B	D	E	D
Dipentene	A	D	A	E	D
Diphenyl (Phenylbenzene)	D	D	A	E	D
Diphenyl Oxides	D	D	A	E	C
Dowtherm Oil	D	D	A	A	C
Ethane	A	D	A	A	D
Ethanolamine	B	B	D	E	B
Ethyl Acetate	D	B	D	E	B
Ethyl Acetoacetate	D	B	D	E	B
Ethyl Acrylate	D	B	D	E	B
Ethyl Alcohol	A	A	C	A	A
Ethyl Benzene	D	D	A	A	D
Ethyl Benzoate	D	A	A	A	D
Ethyl Cellosolve	D	B	D	E	D
Ethyl Cellulose	B	B	D	A	C
Ethyl Chloride	A	C	A	A	D
Ethyl Chlorocarbonate	D	B	A	A	D
Ethyl Chloroformate	D	B	D	E	D
Ethyl Ether	C	C	D	A	D
Ethyl Pentachlorobenzene	D	D	A	A	D
Ethylene	A	B	A	A	E
Ethylene Chloride	D	C	B	E	D
Ethylene Diamine	A	A	D	E	A
Ethylene Dichloride	D	C	A	A	D
Ethylene Glycol	A	A	A	A	A
Fluoroboric Acid	A	A	E	E	E
Freon 11	B	D	A	A	D
Freon 12	A	B	B	A	D

Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Freon 22	D	A	D	A	D
Fumaric Acid	A	B	A	E	B
Gallic Acid	B	B	A	A	E
Gasoline	B	D	A	A	D
Glucose	A	A	A	A	A
Glycerin	A	A	A	A	A
Hexane	A	D	A	A	D
Hexyl Alcohol	A	C	A	A	B
Hydrazine	B	A	D	A	C
Hydrobromic Acid	D	A	A	E	D
Hydrocyanic Acid	B	A	A	A	C
Hydrofluoric Acid (conc.) cold	D	C	A	A	D
Hydrofluosilicic Acid	B	B	A	E	D
Hydrogen Gas	A	A	A	A	C
Hydrogen Peroxide (90%)	D	B	B	E	B
Hydrogen Sulfide (wet) cold	D	A	D	E	C
Hydroquinone	C	B	B	A	E
Iodoform	E	D	E	E	E
Isobutyl Alcohol	B	A	A	A	A
Isooctane	A	D	A	E	D
Isopropyl Acetate	D	B	D	A	D
Isopropyl Alcohol	B	A	A	A	A
Isopropyl Chloride	D	D	A	A	D
Isopropyl Ether	B	D	D	A	D
Kerosene	A	D	A	A	D
Lacquers	D	D	D	A	D
Lactic Acid (cold)	A	A	A	A	A
Lead Acetate (aq)	B	A	D	E	D
Lead Nitrite (aq)	A	A	E	E	B
Lime Bleach	A	A	A	E	B
Linoleic Acid	B	D	B	A	B

Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Maleic Acid	D	B	A	A	E
Malic Acid	A	B	A	E	B
Methane	A	D	B	A	D
Methyl Acetate	D	A	D	A	D
Methyl Acrylate	D	B	D	A	D
Methylacrylic Acid	D	B	D	E	D
Methyl Alcohol	A	A	D	A	A
Methyl Bromide	B	D	A	A	E
Methyl Butyl Ketone	D	A	D	A	C
Methyl Cellosolve	C	B	D	A	D
Methyl Chloride	D	C	B	A	D
Methyl Cyclopentane	D	D	B	E	D
Methylene Chloride	D	C	B	E	D
Methyl Ether	A	D	A	A	A
Methyl Ethyl Ketone	D	A	D	A	D
Methyl Isobutyl Ketone	D	B	D	A	D
Methyl Methacrylate	D	C	D	A	D
Milk	A	A	A	A	A
Mineral Oil	A	C	A	C	B
Monoethanol Amine	D	A	D	E	B
Monomethyl Ether	A	D	A	E	A
Monovinyl Acetylene	A	A	A	A	B
Mustard Gas	E	A	E	E	A
Naphthalenic Acid	B	D	A	A	D
Natural Gas	A	D	A	A	A
Nickel Acetate (aq)	B	A	D	E	D
Nickel Chloride (aq)	A	A	A	A	A
Nickel Sulfate (aq)	A	A	A	A	A
Nitric Acid (dilute)	D	B	A	A	B
Nitrobenzene (Ligroin)	A	D	A	A	D
Nitroethane	D	B	D	A	D
Nitrogen Tetroxide	D	C	D	A	D
Octachlorotoluene	D	D	A	E	D
Octadecane	A	D	A	E	D
N-Octane	B	D	A	A	D
Octyl Alcohol	B	C	A	A	B
Oleic Acid	C	D	B	A	D
Oxalic Acid	B	A	A	E	B
Oxonia	D	A	A	E	A
Oxygen - Cold	B	A	A	A	A
Ozone	D	A	A	E	A
Palmitic Acid	A	B	A	E	D
Perchloric Acid	D	B	A	E	D
Phenyl Ethyl Ether	D	D	D	E	D
Phosphoric Acid - 20%	B	A	A	E	B
Phosphorus Trichloride	D	A	A	A	E
Piperidine	D	A	D	E	D
Polyvinyl Acetate Emulsion	E	A	E	E	E
Potassium Acetate (aq)	B	A	D	E	D
Potassium Chloride (aq)	A	A	A	A	A
Potassium Cyanide (aq)	A	A	A	A	A
Potassium Nitrate (aq)	A	A	A	A	A
i-Propyl Acetate	D	B	D	E	D
Propyl Nitrate	D	B	D	E	D
Propylene	D	D	A	A	D
Pyridine	D	B	D	E	D
Salicylic Acid	B	A	A	E	E

Fluid	Material				
	Buna	EPDM	FKM	PTFE	Silicone
Silicone Oils	A	A	A	A	C
Soap Solutions	A	A	A	A	A
Sodium Acetate (aq)	B	A	D	E	D
Sodium Bicarbonate (aq)	A	A	A	A	A
Sodium Borate (aq)	A	A	A	A	A
Sodium Chloride (aq)	A	A	A	A	A
Sodium Hydroxide (aq)	B	A	B	A	B
Sodium Nitrate (aq)	B	A	E	E	D
Sodium Peroxide (aq)	B	A	A	E	D
Soybean Oil	A	C	A	A	A
Steam, under 300°F	D	A	D	A	C
Stearic Acid	B	B	E	A	B
Stoddard Solvent	A	D	A	A	D
Sulfur Chloride (aq)	C	D	A	B	C
Sulfuric Acid (dilute)	C	B	A	E	D
Sulfurous Acid	B	B	A	A	D
Tannic Acid	A	A	A	A	B
Tartaric Acid	A	B	A	A	A
Tetrachloroethylene	D	D	A	A	D
Toluene	D	D	A	A	D
Triethanol Amine	B	A	D	A	E
Trioctyl Phosphate	D	A	B	E	C
Tung Oil (China Wood Oil)	A	C	A	A	D
Turpentine	A	D	A	A	D
Vegetable Oils	A	C	A	A	B
Vinegar	B	A	A	A	A
Whiskey, Wines	A	A	A	A	A
White Pine Oil	B	D	A	E	D
Zinc Chloride (aq)	A	A	A	A	A



Index

- A**
- Adaptors
 - BSP Tube28
 - Butt Weld to Tube28
 - Clamp x Male NPT76
 - Aseptic Pumps
 - JZW Series Heli-Lobe Wine Pumps60
 - Valves43
 - BioCheck Sampling49
 - Control Valves48
 - SV Series43
- B**
- Ball Valves
 - Encapsulated38
 - Multi-port
 - 3-way38, 39
 - Multi-port Ball Valves
 - 4-way, sanitary, stainless38, 39
 - Flow Paths40
 - Handle Kits39
 - Repair Kits39
 - One Piece113
 - Three Piece114
 - Two Piece113
 - Band & Buckle Clamps94–96
 - Band Clamp Hand Tools94
 - BARV Series Air Relief Valves55
 - BioCheck Sampling Valves49
 - Combi51
 - BioPharmaceutical Fittings66–140
 - Adaptors76
 - Caps 75, 76
 - Elbows66, 67
 - Ferrules75
 - Material Test Report79
 - Packaging79
 - Reducers72–75
 - Technical Specifications77, 78
 - Tees68–72
 - Tolerances77
 - BPE Pharmaceutical Grade Tubing80
 - Breakaway Couplings - Sanitary28
 - BSM (RJT)
 - Couplings5, 6
 - Gaskets7
 - Single Sided Hex Wrench7
 - BSV Series 3A Sample Valves50
 - Butterfly Valves34–36
 - B5101 Series34
 - Butt Weld Fittings25–27
 - Butt Weld to Tube End28
- C**
- Cam and Groove
 - Specifications82
 - Type A83, 85, 87
 - Type B83, 85, 87
 - Type C83, 85, 87
 - Type D83, 85, 87
 - Type DC84, 86, 88
 - Type DP84, 86, 88
 - Type E84, 86, 88
 - Type F84, 86, 88
 - Caps
 - BSM (RJT) Blank5
 - DIN Blank8
 - Caps
 - SMS Blank9
 - Solid End75
 - Solid Ferrule Blank Disk13
 - Weld76
 - Centrifugal Pumps
 - BC Series62
 - ExD Series61
 - JCP Series62
 - JEPS Series63
 - Check Valves37
 - Air Blow Check Valves56–57
 - Repair Kits56
 - Air Relief Valves 3A55
 - NPT55
 - Repair Kits37
 - Circumferential Piston Pumps61
 - Clamps12
 - Adaptors76
 - Band & Buckle94, 95
 - Bolted12
 - Centre Punch Band Style95
 - Double Pin Heavy Duty12
 - Sanitary Clamps12
 - Single Pin Heavy Duty12
 - Single Pin Squeeze Clamps12
 - T Bolt Super Clamps96
 - Ultra-Lok Band Style95
 - Control Valve48
 - Aseptic Version48
 - Couplers
 - Boss-Lock™28
 - Butt Weld to Tuibe End28
 - ISO-B Food Grade Coupling97
- D**
- DIN Couplings & Gaskets8
 - Double Rolled Hose Tail5
- E**
- Elbows
 - 45°
 - Butt Weld25
 - Clamp26
 - Clamp x Clamp67
 - Clamp x Weld67
 - Weld67
 - 90°
 - Butt Weld25
 - Clamp26
 - Clamp x Weld66
 - Screwed93
 - Weld66
 - Weld x Weld66
- F**
- Ferrules
 - Auto Weld75
 - Butt Welding13
 - Short Welding13
 - Ferrules - Welding & End Caps13
 - Flow Boss Spray Gun89
 - Food & Beverage Hose103, 104, 107–109
- G**
- Gaskets
 - Clamp Fittings and Gasket
 - Sizing Guide23, 24, 117, 118
 - Clamp - Flanged
 - Buna-N - black18
 - Buna-N - white18
 - EPDM - black18
 - FKM - black19
 - Gaskets
 - Silicone - clear19
 - Silicone - white19
 - Clamp - Mesh Screen
 - Buna-N21
 - EPDM20
 - FKM20
 - Clamp - Metal Detectable
 - Buna-N17
 - EPDM17
 - FKM17
 - Clamp - Orifice
 - Buna-N - black21
 - FKM21
 - Clamp - Perforated
 - Buna-N20
 - Clamp - PTFE Envelope
 - EPDM Filler22
 - FKM Filler22
 - Clamp Style Sanitary Fitting
 - Buna-N - black14
 - EPDM - black14
 - FKM - black15
 - Flanged
 - EPDM - black16
 - FKM - black16
 - PTFE - white15
 - Silicone - clear15
 - DIN8
 - Technical Information
 - Identification131
 - Packaging and storing131
 - Wine11
- H**
- Holedall Fittings
 - Crimp Stems99, 100
 - External Crimp Ferrules101
 - External Crimp Stem99, 100
 - Hose
 - Hose Assemblies - Standard
 - Air/Water110
 - Food & Beverage107
 - Metallic
 - PTFE102
 - Stainless Steel102
 - PVC
 - Suction103, 104
 - Suction & Delivery103, 104, 107, 109
 - Rubber
 - Air110
 - Chemical106
 - Food & Beverage107–109
 - Steam105, 106
 - Water105, 110
 - Spiral Guard111
 - Stainless Steel Metallic102–104
 - Hose Glide Rings111
 - Hose Tail
 - Double Rolled5
 - Hot Water Washdown Gun89
 - H Series Food Grade Couplings97
 - Hygienic Fittings
 - Sample Tap57
 - Sight Glasses30
 - Spray Balls31
- J**
- JZW Series Heli-Lobe Wine Pumps60
- K**
- Knife Gate Valve115

- M**
- Metallic Hose 102
 - Mix Proof Valve 47
- N**
- Nozzles
 - Washdown
 - Flow Boss Gun 89
- O**
- O-Ring
 - BSM (RJT) 7
 - Overflow Valves
 - Manual and Pneumatic 53
- P**
- Pin Clamps
 - Heavy Duty 12
 - Squeeze 12
 - Pipe Fittings
 - Screwed
 - Elbows 93
 - Hex 91
 - Miscellaneous 90, 91
 - Sockets 91
 - Tee 93
 - Pneumatic Control Angle Valve Positioners ... 54
 - Pressure Relief Valves 53
 - Pumps
 - Centrifugal
 - BC Series 62
 - ExD Series 61
 - JCP Series 62
 - Self Priming 63
 - Circumferential Piston 61
 - Heli-Lobe Wine 60
 - Options 60
 - Rotary Lobe 58
 - Options 59
 - Shear Blender 63
 - Water for Injection 63
- R**
- Reducers
 - Concentric 72, 73
 - Concentric - Butt Weld 26
 - Eccentric 74, 75
 - Eccentric - Butt Weld 27
 - RJT
 - Couplings 5, 6
 - Gaskets 7
 - Single Sided Hex Wrench 7
 - RZL Series Rotary Lobe Pump
 - Options 59
 - RZL Series Rotary Lobe Pumps 58
- S**
- Safety Valves 52
 - Sample Valves
 - BSP Locakable Sample Tap 57
 - W Series 57
 - Sanitary Breakaway Couplings 28
 - Sanitary Fittings
 - Mix Proof Valve 43
 - Screwed Pipe Fittings 90–93
 - Nipples: Toe & Barrel 92
 - Shear Blender 64
 - Sight Glasses 30
 - Weld 30
 - SMS Couplings & Gaskets 9, 10
 - Spiral Guard 111
 - Spray Balls 32
- Squeeze Clamps
 - Single Pin 12
- SSV Series Single Seat Valve 45
- Swivels 29
- Straight Swivels - SJSS 29
- T**
- Technical Data
 - Identifying Fittings 119–130
 - Technical Information
 - Clamp Fittings and Gasket
 - Sizing Guide 23, 24, 117, 118
 - Color Coding Gasket Materials 131
 - Elastomer Chemical Resistance
 - Chart 133–136
 - Packaging and Storing Information 131
 - Particulate Reference Chart 132
 - Sanitary Gaskets 131
 - Tees
 - Clamp - B7MP 27
 - Clamp x Clamp x Clamp 69
 - Instrument 72
 - Short Outlet 70, 71
 - Weld x Weld x Weld 68
 - Tees - Reducing
 - Clamp x Clamp x Clamp 69
 - Short Outlet 70, 71
 - Weld x Weld x Weld 68
 - Tube Adaptors 28
 - Tubing, Pharmaceutical Grade 80
- V**
- Valves
 - Air 55
 - Blow Check 56
 - Ball 38, 113, 114
 - Brass Solenoid 114
 - Butterfly
 - Vertical Spring Return Actuation 36
 - Butterfly Valve
 - Vertical Actuator 34
 - Butterfly Valves
 - Pull Handle 35
 - Sanitary 34–36
 - Trigger Handle 34
 - Check 37
 - Air Blow 56
 - Control 48
 - Aseptic Version 48
 - Gate
 - Knife 115
 - Hygienic 34, 35
 - Manual/Pneumatic Overflow 53
 - Mix Proof 47
 - Positioners
 - Type 8692 54
 - Type 8694 54
 - Pressure Relief 53
 - Safety 52
 - Sampling
 - Aseptic - Mini 49
 - BioCheck 49
 - BioCheck Combi 51
 - BSV Series 3A 50
 - W Series 57
 - Single Seat
 - SSV Series 45
 - SV Series 44
 - Tank Vent
 - Air & Vacuum Relief 41
 - TVS Series 42
- Weld Elbows 25
- Welding
 - Ferrules, Butt 13
 - Ferrules, Short 13
- Wine
 - Clamps 12
 - Female Crimp Stem 100
 - Gasket 11
 - Heli-Lobe Pumps 60
 - Hose
 - Assemblies 107
 - Red Helix 104
 - Suction & Delivery 103
 - Weld 10, 11
- Wine Couplings & Gaskets 10
- Wrench, Single Sided Hex 7
- W**
- Washdown Guns 89

TERMS AND CONDITIONS OF SALE OF DIXON (ASIA) PACIFIC PTY LTD

1. INTERPRETATION

In these Conditions:

- 1.1 "Australian Consumer Law" means the law as set out in Schedule 2 of the Competition and Consumer Act 2010;
- 1.2 "Buyer" means the buyer specified in the attached Application for Credit Account or if there is no such application, or there is no buyer specified in the application, the purchaser of the Goods from the Company and includes any servants, agents, or contractors acting on behalf of the Buyer where the context permits;
- 1.3 "Company" means Dixon (Asia Pacific) Pty Ltd ACN 075 100 239 which is the seller of the Goods;
- 1.4 "Conditions" means these terms and conditions of sale;
- 1.5 "Consumer" means a "consumer" as that term is defined in Section 3 of the Australian Consumer Law;
- 1.6 "Consumer Contract" means a contract for supply of Goods by the Company to the Buyer as a Consumer;
- 1.7 "Consumer Guarantees" means the consumer guarantees under the Australian Consumer Law;
- 1.8 "Contract" means a contract for the sale and purchase of the Goods in accordance with these Conditions, as evidenced by the acceptance of any Order from the Buyer to the Company;
- 1.9 "Date of Acceptance" means the date that the Company approves the Application for Credit Account made by the Buyer or otherwise notifies the Buyer that these Conditions apply to the sale of Goods by the Company to the Buyer;
- 1.10 "Effective Date" means 1 January 2012;
- 1.11 "Goods" means the products purchased from the Company by the Buyer from time to time and which are the subject of an Order;
- 1.12 "Implied Terms" means any guarantees, conditions, warranties or other terms implied by any Australian Commonwealth, State or Territory laws (excluding the Australian Consumer Law), or the laws of any other jurisdiction;
- 1.13 "Order" means any Order for Goods from the Buyer to the Company from time to time in a form acceptable to the Company;
- 1.14 "PPSA" means the Personal Property Securities Act 2009;
- 1.15 "Quotation" means a quotation supplied by the Company to the Buyer in respect of the Goods.

2. GENERAL

- 2.1 These Conditions apply to all Goods supplied by the Company as from the Effective Date and the Buyer is deemed to have read and agreed to these Conditions prior to the placing of any Order.
- 2.2 These Conditions shall prevail over all inconsistencies in an Order and Quotation, unless the Company expressly agrees otherwise and that agreement is acknowledged in writing.
- 2.3 The Company reserves the right to vary, add or substitute to these Conditions from time to time and any such variations to these Conditions will have effect from the date of publication of such changes to the Company's customers.
- 2.4 No promise, representation, warranty or undertaking (including any technical advice or assistance provided by the Company to the Buyer in connection with the Buyer's Order for the Goods) other than that which is expressed in these Conditions will bind the Company, unless the Company expressly agrees otherwise in writing.

3. SHORTAGE AND NON-CONFORMING GOODS

The Buyer waives any claim for shortage of any Goods delivered or failure to supply Goods conforming with the Order if a claim for short delivery or failure to supply Goods conforming with the Order has not been lodged with the Company within seven (7) days from the date of receipt of Goods by the Buyer. Any claim for shortage of any Goods delivered or failure to supply Goods conforming with the Order must be submitted in writing in a form approved by the Company.

4. SPECIFICATIONS

Except where the Goods are purchased under a Consumer Contract:

- 4.1 All specifications, drawings, and particulars of weights and dimensions submitted or published by the Company are approximate only and any deviation from any of these things does not vitiate any contract with the Company or form grounds for any claim against the Company; and
- 4.2 The descriptions, illustrations and performances contained in catalogues, price lists and other advertising matter do not form part of the Contract or of the description applied to the Goods.

5. PERFORMANCE

Except where the Goods are purchased under a Consumer Contract, any performance figures given by the Company are estimates only. The Company is under no liability for damages for failure of the Goods to attain such figures unless specifically guaranteed in writing. Any such written guarantees are subject to the recognised tolerances applicable to such figures.

6. DELIVERY

- 6.1 The delivery times made known to the Buyer are estimates only and the Company is not liable for late delivery or non-delivery.
- 6.2 The Buyer may cancel an order for Goods purchased under a Consumer Contract if the Company is unable to deliver the Goods within 90 days of any specified delivery date.
- 6.3 Except where clause 6.2 applies:
 - 6.3.1 The Company is not liable for any loss, damage or delay occasioned to the Buyer or its customers arising from late or non-delivery of the Goods;
 - 6.3.2 Late delivery or non-delivery does not vary these Conditions or relieve the Buyer from its obligations to accept the Goods and to pay for the Goods.
- 6.4 The Company may at its option deliver the Goods to the Buyer in any number of installments unless otherwise agreed in writing by the Company.
- 6.5 Delivery of the Goods will be taken to have occurred when either the Goods are:
 - 6.5.1 Collected by the Buyer or the Buyer's agent; or
 - 6.5.2 Off-loaded at the Buyer's nominated point of delivery.
- 6.6 The Goods shall be at the risk of the Buyer after delivery.

7. AUSTRALIAN CONSUMER LAW

- 7.1 Where the Contract under which the Buyer purchases the Goods is a Consumer Contract (ie where the Buyer is a Consumer):
 - 7.1.1 The Goods are supplied subject to the Consumer Guarantees;
 - 7.1.2 If the Goods fail to meet any Consumer Guarantee, the Buyer will be entitled to such rights and remedies as are permitted or provided in the Australian Consumer Law for such failure, to the extent that such rights and remedies cannot be lawfully excluded. This may include the right to reject or return the Goods and obtain a refund, have the failure remedied by repair or replacement/substitution or to receive compensation for any reduction in the value of the Goods below the price paid or payable for them;
 - 7.1.3 The Buyer may only exercise any right or remedy for breach of a Consumer Guarantee strictly in accordance with the rights and responsibilities of the Buyer under the Australian Consumer Law;
 - 7.1.4 Where the Goods are not ordinarily acquired for personal, domestic or household use or consumption, then, unless the Company is the manufacturer of the Goods under the Australian Consumer Law, the Company's liability for breach of a Consumer Guarantee is limited at the Company's option to repairing or replacing the Goods, supplying equivalent goods or paying the costs of the repair or replacement of the Goods or of acquiring equivalent goods.
- 7.2 Where the Buyer resupplies the Goods to a Consumer and the Goods are not ordinarily acquired for personal, domestic or household use or consumption, the Company's liability to the Buyer in connection with any breach of a Consumer Guarantee in respect of the Goods is limited to paying to the Buyer an amount equal to the cost of replacing the Goods, supplying equivalent goods or having the Goods repaired, whichever is the lower amount.

- 8. GENERAL LIMITATION ON LIABILITY**
- 8.1 This clause 8 does not limit the liability of the Company under Consumer Contracts.
- 8.2 The Company shall not be liable for any guarantee, warranty or representation as to the quality, performance, and fitness for purpose or otherwise of any Goods unless expressed in writing and signed on behalf of the Company and any such warranty or representation shall be limited to its express terms.
- 8.3 None of the Implied Terms apply to any Contract except to the extent that they cannot be lawfully excluded.
- 8.4 The Company's liability for breach of any provision of any such Contract or for breach of any Implied Terms which by force of law cannot be excluded from applying to any such Contract is limited at the option of the Company to repairing or re-supplying Goods which have been found defective, or, paying the cost of repairing or re-supplying Goods which have been found defective.
- 8.5 The Company is not liable in tort for any loss or damages suffered by the Buyer or by any third party.
- 8.6 In no circumstance whatsoever shall the Company be liable to the Buyer or to any third party for any loss of data or profits, loss of anticipated savings, economic loss or interruption of business or for any indirect or consequential loss ("Consequential Loss") arising out of the late delivery of Goods or any failure to perform or observe the Company's obligations under any Contract or Implied Terms and the Buyer will keep the Company fully indemnified against any claim made against the Company by a third party for any such Consequential Loss.
- 9. PRICES AND GST**
- 9.1 Unless otherwise stated all prices quoted by the Company are net, exclusive of Goods and Services Tax (GST).
- 9.2 GST applied to all supplies of Goods made by the Company and the amount payable by the Buyer will be increased by a percentage equal to the prevailing of GST rate at the time of delivery of the Goods.
- 9.3 Unless otherwise agreed, prices do not include the cost of delivery of Goods.
- 10. CREDIT PAYMENT**
- 10.1 Where an Application for Credit Account is approved for the Buyer, the purchase price of the Goods is payable within thirty (30) days from the end of the month of date of invoice unless other terms of payment are expressly stated on the invoice. If payment is made on or before the due date, the agreed settlement discount (if any) may be deducted from that payment.
- 10.2 The Company reserves the right to withdraw approval of an Application for Credit Account for the Buyer at any time by notice to the Buyer.
- 10.3 The Company reserves the right to request such security or additional security for any credit arrangements with the Buyer as the Company shall in its discretion think fit and shall be entitled to withhold supply of any Goods or credit arrangements until such security or additional security is provided by the Buyer.
- 11. CASH SALES**
- Where no Application for Credit Account has been approved for the Buyer, or approval of the Application for Credit Account is withdrawn, the purchase price of the Goods must be paid in full on placement of the Order, or where expressly agreed in writing by the Company, on delivery of the Goods.
- 12. PAYMENT**
- 12.1 All amounts payable to the Company by the Buyer must be paid in Australian dollars in any manner required by the Company in writing in full without set-off on or before the due date for payment.
- 12.2 Any costs or charges incurred by the Company in collecting or attempting to collect overdue amounts must be paid by the Buyer to the Company on demand.
- 12.3 The Company reserves the right to charge interest at the rate of 12% per annum on all overdue amounts owing to it. Such interest will accrue daily and is payable on demand.
- 12.4 Payment will not be taken to occur until all cheques tendered in discharge of amounts owing to the Company have been presented and cleared in full.
- 13. MINIMUM ORDER & INVOICE**
- All orders will be charged at a minimum price of \$35 (excluding the costs of delivery of Goods) notwithstanding that the net value of the Order may be less than \$35.
- 14. TITLE TO GOODS**
- 14.1 Title to and property in the Goods will not pass until the Buyer has paid all moneys owed to the Company on any account whatsoever.
- 14.2 Until the Buyer has paid all moneys owed to the Company:
- 14.2.1 The Company retains a purchase money security interest in the Goods and the proceeds of sale of the Goods under the PPSA;
- 14.2.2 The relationship of the Buyer to the Company is as a fiduciary in respect of the Goods and accordingly:
- 14.2.2.1 The Buyer must store the Goods in such a way that they can be recognised as the property of the Company;
- 14.2.2.2 Upon re sale of the Goods by the Buyer, the Company will have the right to trace the full proceeds of sale; and
- 14.2.2.3 The Buyer must account to the Company for such proceeds of sale and the Company may recover from such proceeds of sale any moneys then owing to the Company on any account whatsoever.
- 14.2.3 The Company reserves the right to enter upon any premises for the purpose of repossessing the Goods without prejudice to any other rights of recovery available and the Buyer grants the Company a licence to enter such premises for the purpose of exercising such right.
- 14.3 The Buyer must do all things reasonably required by the Company in respect of the registration of the Company's interest in the Goods under this clause or the enforcement of the Company's rights under the PPSA in respect of the goods.
- 14.4 The Buyer waives any right the Buyer has under the PPSA:
- 14.4.1 To receive notice in relation to registration of the Company's interest in the Goods under the PPSA; and
- 14.4.2 To claim damages against the Company under Section 271 of the PPSA.
- 15. QUOTATIONS**
- 15.1 Subject to clause 15.2, all prices quoted for Goods are valid quotes for 30 days from the date of Quotation.
- 15.2 Quotations are based on the current costs of sourcing the Goods and unless the Company has otherwise agreed, are subject to amendment by the Company before or after the Quotation is made to meet any rise and fall in such costs between the date of Quotation and the date of producing the goods.
- 15.3 The Company reserves the right to charge the Buyer for any costs incurred as a result of the Buyer varying its Order or the contract correcting any errors or omissions referred to in clause 15.4 or requiring Goods urgently.
- 15.4 The Company will supply the Goods on the basis of the Order (whether written or oral). The Company will not be responsible for any errors or omissions in relation to the Goods where those errors or omissions result wholly or partially from incomplete or unclear instructions in the Order.
- 16. RETURNED GOODS**
- 16.1 The Company is not under any duty to accept Goods returned by the Buyer and will do so only on terms to be agreed in writing in each individual case.
- 16.2 The Company may levy a handling charge of either 15% of the Order value or \$35 (whichever is greater) for any accepted returns. Goods delivered incorrectly, found to be defective or that fail to meet any Consumer Guarantees will be exempt from this handling charge.
- 16.3 Nothing in clause 16.1 affects the Buyer's rights under the Australian Consumer Law or in respect of any breach of Implied Terms.
- 17. CANCELLATION**
- 17.1 The Company may cancel any Contract any time before Goods are delivered by giving written notice to the Buyer. On giving such notice, the Company will repay to the Buyer any sums paid in respect of the Goods. The Company will not have any other liability in respect of such cancellation.
- 17.2 Subject to clause 6.2, the Buyer may not cancel a Contract at any time except with the Company's prior written consent.
- 17.3 In the event that the Buyer cancels a Contract otherwise than under clause 6.2:
- 17.3.1 The Company may retain any deposit or other sums paid on account of the Goods; and
- 17.3.2 If payment for the Goods is not already made in full, the Buyer will be responsible for any losses incurred by the Company in respect of such cancellation (including loss of profits, anticipated savings, economic loss or interruption of business loss or other incidental, consequential or indirect damages).
- 17.4 In the event the Buyer cancels a Contract under clause 6.2, the Company will repay to the Buyer any sums paid in respect of the Goods. The Company will not have any other liability in respect of such cancellation.

18. SUSPENSION OR TERMINATION BY THE COMPANY

- 18.1 If the Buyer makes a default in any payment due to the Company for any Goods provided by the Company, commits any act of bankruptcy or enters into liquidation whether voluntary or involuntary, the Company may in its absolute discretion, suspend delivery of any Goods to the Buyer or cancel any Contract with the Buyer, without prejudice to its rights hereunder.
- 18.2 Any default by the Buyer or cancellation, suspension or termination by the Company shall in no way prejudice any rights of the Company against the Buyer whatsoever, including any right to recover any amounts due for the Goods, or the Goods themselves, previously supplied by the Company to the Buyer.

19. PLACE OF CONTRACT

- 19.1 This Contract is made in the State of South Australia.
- 19.2 The Buyer and Company agree that unless otherwise stipulated by the Company all disputes arising between them shall be submitted to the courts of the State of South Australia and any court competent to hear appeals from those courts of first instance.

20. MISCELLANEOUS

- 20.1 A Contract may be altered in writing signed by each party.
- 20.2 Unless otherwise provided, a party may in its discretion give (conditionally or unconditionally) or withhold any approval or consent under a Contract.
- 20.3 A party must not assign or otherwise deal with a Contract or any right under it without the written consent of the other party.
- 20.4 A Contract constitutes the entire agreement between the parties about its subject matter and supersedes any prior understanding, agreement, condition, warranty, indemnity or representation about its subject matter.
- 20.5 A waiver of a provision of or right under a Contract must be in writing signed by the party giving the waiver and is effective only to the extent set out in the written waiver.
- 20.6 The failure, delay, relaxation or indulgence by a party in exercising a power or right under a Contract is not a waiver of that power or right.
- 20.7 An exercise of a power or right under a Contract does not preclude a further exercise of it or the exercise of another right or power.
- 20.8 Each indemnity, obligation of confidence and other term capable of taking effect after the expiration or termination of a Contract, remains in force after the expiration or termination of the Contract.

21. INTERPRETATION

- 21.1 Headings do not affect interpretation;
- 21.2 Singular includes plural and plural includes singular;
- 21.3 A reference to a party includes its executors, administrators, successors and permitted assigns;
- 21.4 A reference to a person includes a partnership, corporation, association, government body and any other entity;
- 21.5 An agreement, representation, warranty or indemnity by two or more parties (including where two or more persons are included in the same defined term) binds them jointly and severally;
- 21.6 An agreement, representation, warranty or indemnity in favour of two or more parties (including where two or more persons are included in the same defined term) is for the benefit of them jointly and severally;
- 21.7 A reference to legislation includes any amendment to it, any legislation substituted for it, and any subordinate legislation made under it;
- 21.8 A provision is not construed against a party only because that party drafted it;
- 21.9 An unenforceable provision or part of a provision may be severed, and the remainder of these Conditions continues in force, unless this would materially change the intended effect of these Conditions;
- 21.10 The meaning of general words is not limited by specific examples introduced by 'including', 'for example' or similar expression.

PRIVACY NOTICE AND CONSENT**Acknowledgment of receipt of Privacy Statement**

Each individual who is the Buyer, a partner in the Buyer, a director of the Buyer, or a Guarantor, and who has signed this Application for Credit Account, acknowledges that they have received a copy of the Company's Privacy Statement which contains important information about the Company's management of personal information. Obtaining reports from credit-reporting agencies The Company gives notice that it may give personal information about an individual who is the Buyer, a partner in the Buyer, a Director of the Buyer or a Guarantor to a credit-reporting agency for the following purposes:

- to obtain a consumer credit report about the individual, and/or
- to allow the credit reporting agency to create or maintain a credit information file containing information about the individual.

The information that may be given is limited to:

- identity particulars-name, sex, current address, previous two addresses, date of birth, name of employer, drivers licence number,
- the fact that the individual has applied for credit and the amount,
- the fact that the Company is a current credit provider to the individual,
- payments that are overdue for more than 60 days, and for which debt collection action has started,
- advice that payments are no longer overdue in respect of any default that has been listed,
- information that, in the opinion of the Company, the individual has committed a serious credit infringement (that is, acted fraudulently or shown an intention not to comply with the individual's credit obligations),
- cheques drawn by the Buyer for \$100 or more which have been dishonoured more than once.

This information may be given before, during or after the provision of credit to the Buyer. Obtaining and exchanging information about individuals who are Buyers or partners in Buyers Each individual who is the Buyer, or a partner in the Buyer, agrees that:

- the Company may obtain information about the individual from a credit-reporting agency if the Company considers it relevant to the assessment of the Buyer's application for credit;
- the Company may obtain information about the individual from the individual's employer that may include the nature of the employment (full time, part time, contract or casual), the length of employment, the minimum hours, and the rates of pay);
- the Company may exchange information about the individual (which can include anything about the individual's credit worthiness, credit standing, credit history or credit capacity that credit providers are allowed to exchange under the Privacy Act) with those credit providers named in this Application or in a consumer credit report obtained by the Company for the following purposes:
 - to assess an application by the individual for credit,
 - to notify other credit providers of a default by the individual,
 - to exchange information with other credit providers as to the status of the Buyer's account where the individual is in default with other credit providers, and
 - to assess the individual's credit worthiness.

Obtaining information about individuals who are Directors of Buyers Each individual who is a Director of the Buyer, and who has signed this Application, agrees that the Company may obtain information about the individual from a credit-reporting agency if the Company considers it relevant to the assessment of the Buyer's application for credit. Obtaining information about individuals who are Guarantors. Each individual who is a Guarantor, and who has signed this Application, agrees that the Company may obtain information about the individual from a credit-reporting agency if the Company considers it relevant to the assessment of whether to accept the individual as a guarantor in respect of credit the Buyer has applied for or obtained.

Limits of Liability

This catalogue is intended as a product offering. It is not intended to be a user or technical manual. Information in this catalogue is subject to change without notice. All users and distributors of products sold through this catalogue 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. All product images are representative.



Safety



Safety logos, which appear throughout our catalogue, 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.

Trademarks

All other trademarks appearing in the Dixon™ Illustrated Price List are the property of their respective owners.

Copyright

Copyright © 2019 by Dixon Valve and Coupling

All rights reserved. This book is copyrighted material. Use, reproduction or copying of it by anyone other than Dixon™ is strictly forbidden without its express written consent.

NOTE: Reasonable care has been taken in preparing this catalogue. Dixon Valve & Coupling Company reserves the right to make corrections.

Table of Contents

A**Hygienic Fittings**
pages 4-35**B****Hygienic Valves & Pumps**
pages 36-67**C****BioPharmaceutical Fittings**
pages 68-83**D****Industrial Fittings**
pages 84-100**E****Hose & Hose Fittings**
pages 101-114**F****Industrial Valves**
pages 115-118**G****Technical Information**
pages 119-138**H****Index**
pages 139-140**AUSTRALIA****Adelaide (sales)**

170 Francis Road
Wingfield SA 5013
ph: 1300 134 651
fax: (08) 8202 6096
customerservice@dixonvalve.com.au

Brisbane

6 Union Circuit
Yatala QLD 4207
ph: 1300 134 651
fax: (07) 3807 1843
customerservice@dixonvalve.com.au

Mackay

38 John Vella Drive
Paget QLD 4740
ph: 1300 134 651
fax: (07) 4952 5922
customerservice@dixonvalve.com.au

Melbourne

13 Commercial Drive
Dandenong VIC 3175
ph: 1300 134 651
fax: (03) 9706 5324
customerservice@dixonvalve.com.au

Perth

19 Baile Road
Canning Vale WA 6155
ph: 1300 134 651
fax: (08) 9455 4983
customerservice@dixonvalve.com.au

Sydney

15 Watsford Road
Campbelltown NSW 2560
ph: 1300 134 651
fax: (02) 4627 4026
customerservice@dixonvalve.com.au

SINGAPORE

Dixon (Asia Pacific) Pty Ltd
Loyang Offshore Supply Base
25 Loyang Crescent
Blk 302 TOPS Avenue 3 #02-08
Singapore 508988
ph: +65 6232 5272
customerservice@dixonvalve.com.sg
dixonvalve.com.sg

CHINA

Dixon (Shanghai) Trading Co. Ltd
Room 1201 Sun Building
No 3553 North Zhongshan Road
Putuo District
Shanghai 200063
ph: +86 021 6173 7998
fax: +86 021 6173 8589
customerservice@dixonvalve.com.cn
dixonvalve.com.cn



The Right Connection®

1300 134 651**customerservice@dixonvalve.com.au****Dixon (Asia Pacific) Pty Ltd**

170 Francis Road • Wingfield SA 5013

PO Box 2491 • Regency Park SA 5942

ph: +61 8 8202 6000

fax: +61 8 8202 6099

dixonvalve.com.au