

a.c | Advanced[®]
Couplings
Limited



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Contents

1.0	Clamps	4	3.7	ISO 2037 Gaskets - Series 1 & 2	33
1.1	SL Clamp 304 - Wing Nut TC Clamp - 13MHM	4	3.8	Mini Series Gaskets - Metric & Imperial	34
1.2.1	SSH Clamp 304 - Brass Nuts - 13MHP	5	3.9	Metal Detectable Gaskets - EPDM Blue / Black	35
1.2.2	SSH Clamp 304 - Steel Nuts - 13 MHP	6			
1.3.1	3 Segment Clamp 304 - 13 MHHS	7	4.0	Adaptors	36
1.3.2	3 Segment Safety Clamp 304 - Safety gate, stepped eye-bolt & recessed wing nuts - 13MHHS	8	4.1.1	BSP Male Adaptors - Imperial	36
			4.1.2	BSP Male Adaptors - Metric	37
2.0	Ferrules	9	4.1.3	BSP Female Adaptors - Imperial	38
2.1	BS 4825 Part 3 Ferrules	9	4.1.4	BSP Female Adaptors - Metric	39
2.2	BS Schedule 5 Ferrules	10	4.2.1	NPT Male Adaptors - Imperial	40
2.3	BS Schedule 10 Ferrules	11	4.2.2	NPT Male Adaptors - Metric	41
2.4	BS Schedule 40 Ferrules	12	4.2.3	NPT Female Adaptors - Imperial	42
2.5	ASME BPE Ferrules - SF1 Short	13	4.2.4	NPT Female Adaptors - Metric	43
2.6.1	DIN 32676 Table A Ferrules - Short	14	5.0	Hosetails	44
2.6.2	DIN 32676 Table A Ferrules - Long	15	5.1.1	Hosetails - Imperial	44
2.6.3	DIN 32676 Table B Ferrules - Short	16	5.1.2	Hosetails - Metric	45
2.6.4	DIN 32676 Table B Ferrules - Long	17			
2.6.5	DIN 32676 Table C Ferrules - Short	18	6.0	Reducers	46
2.6.6	DIN 32676 Table C Ferrules - Long	19	6.1	Concentric Reducers - Ferrule-ended	46
2.7.1	ISO 1127 Ferrules - Standard	20	6.2	Eccentric Reducers - Ferrule-ended	47
2.7.2	ISO 1127 Ferrules - Variations	21	6.3	Pipe To Tube Reducers - Schedules 10 and 40	48
2.8	Mini-series Ultra-bore Ferrules	22			
2.9	SMS 3008/3017 Ferrules	23	7.0	BPE Fittings	49
2.10	SWG Ferrules	24	7.1	BPE 45° Elbow - DT-4.1.1-6	49
2.11	MPW Tank Ferrules	25	7.2	BPE 90° Elbow - SF1 & SF4 - DT-4.1.1-3	50
			7.3	BPE Cross Piece - DT-4.1.2-4	51
3.0	Gaskets	26	7.4	BPE Reducing Tee - DT-4.1.2-8	52
3.1	BS 4825 Gaskets	26	7.5	BPE Equal Tee - DT-4.1.2-4	53
3.2	BS Schedule 5 Gaskets	27			
3.3	BS Schedule 10 Gaskets	28	8.0	DS Fittings	54
3.4	BS Schedule 40 Gaskets	29	8.1	DS Male	54
3.5	DIN 32676 Gaskets	30	8.2	DS Liner	55
3.6.1	ISO 1127 Gaskets - Standard	31	8.3	DS Nut	56
3.6.2	ISO 1127 Gaskets - Variations	32	8.4	DS Blank	57

8.5	DS Blind Nut - With Chain	58	12.4.2	IDF Union Gasket - NBR L-shaped / T-shaped	85
8.6	DS Union Gasket - EPDM / Nitrile (NBR) / Viton (FKM)	59			
9.0	SMS Fittings	60	13.0	Miscellaneous Fittings	86
9.1	SMS Male - Long & Short	60	13.1	ISO NRV Clamp	86
9.2	SMS Liner - Long & Short	61	13.2	End Cap	87
9.3	SMS Nut	62	13.3	Spanner	88
9.4	SMS Blank	63			
9.5	SMS Blind Nut - With Chain	64	14.0	Blanks	89
9.6 .1	SMS Union Gasket - EPDM & Nitrile (NBR) Unlipped	65	14.1	Blank	89
9.6.2	SMS Union Gasket - Viton (FKM) & PTFE Unlipped	66			
10.0	DIN Fittings	67	15.0	New Products	90
10.1	DIN Male	67	15.1	3-Piece Ball Valve - Ferrule Ended	90
10.2	DIN Liner	68	15.2	3-Piece Ball Valve - Weld End	91
10.3	DIN Nut	69	15.3	Butterfly Valve - Ferrule Ended	92
10.4	DIN Blind Nut - With Chain	70	15.4	Butterfly Valve - Weld End	93
10.5	DIN Blank	71	15.5	Sight Glass	94
10.6.1	DIN Union Gasket - EPDM	72	15.6	Small Sight Glass	95
10.6.2	DIN Union Gasket - Nitrile (NBR)	73	15.7	Angle Filter - Ferrule Ended	96
10.6.3	DIN Union Gasket - Viton (FKM)	74	15.8	Angle Filter - Weld End	97
			15.9	DIN Union Sight Glass with Light	98
			15.10	Sight Glass with Light	99
11.0	RJT Fittings	75			
11.1	RJT Male	75			
11.2	RJT Liner	76			
11.3.1	RJT Nut - Hex	77			
11.3.2	RJT Nut - Round	78			
11.4.1	RJT Union Gasket - EPDM Flat-faced / EPDM	79			
11.4.2	RJT Union Gasket - NBR	80			
12.0	IDF Fittings	81			
12.1	IDF Male	81			
12.2	IDF Liner	82			
12.3	IDF Nut - Round	83			
12.4.1	IDF Union Gasket - EPDM L-shaped / T-shaped	84			

1.1

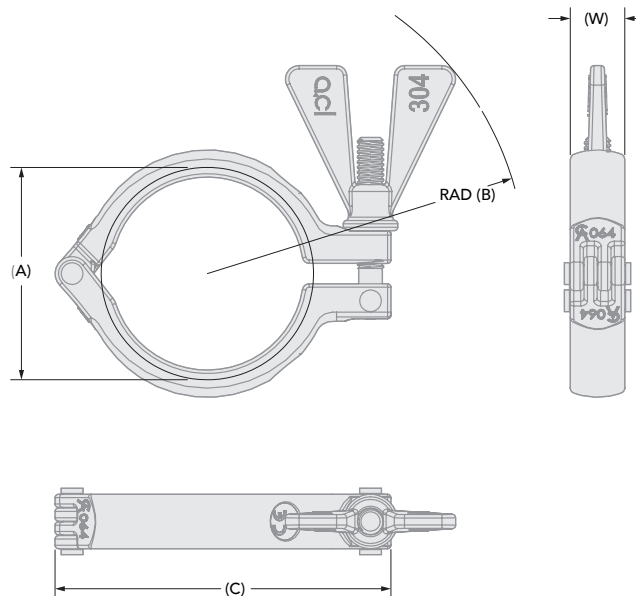
ACL® SL Clamp 304

Wing Nut TC Clamp - 13MHM

Material
304 / 1.4308

Application
Hygienic

Hinge Layout
Single Pin - Interlocking Hinge



SL Clamps - Wingnut

Part Number	Size			Dimension (mm)				Weight (kg)	MAWP Bar (g)	Legacy Part Number
	Imperial	Metric	ISO	Flange (A)	Radius (B)	Length (C)	Width (W)			
SLWN0002504	1½"	DN6-8	DN8-10	25.00	63.00	60.00	17.00	0.13	25	CL.S.0050
SLWN0003404	DN10	DN10-20		34.00	73.00	69.00	17.00	0.17	25	CL.S.D010
SLWN0005004	1½"	DN25-40	DN15-25	50.50	78.00	85.00	17.00	0.21	25	CL.S.0100
SLWN0006404	2"	DN50	DN32-40	64.00	82.00	99.00	17.00	0.25	25	CL.S.0200
SLWN0007704	2½"		DN50	77.50	89.00	112.00	17.00	0.35	25	CL.S.0250
SLWN0009104	3"	DN65	DN65	91.00	96.00	126.00	17.00	0.42	20	CL.S.0300
SLWN0010604	3½"	DN80	DN80	106.00	103.00	140.00	17.00	0.44	20	CL.S.0350
SLWN0011904	4"	DN100		119.00	110.00	154.00	17.00	0.51	17	CL.S.0400



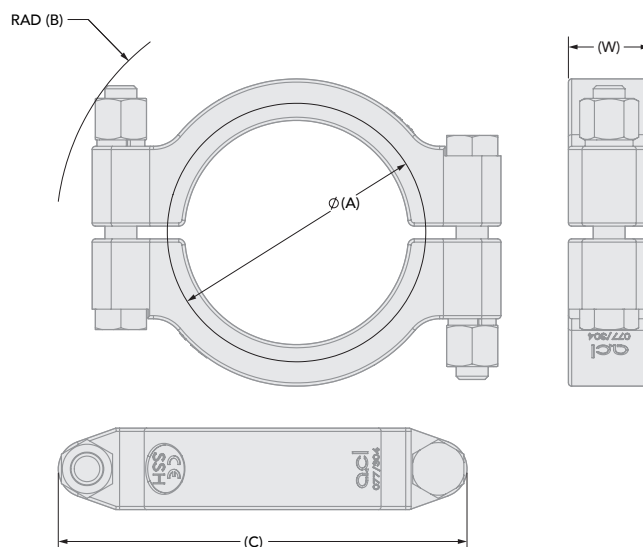
1.2.1

ACL® SSH Clamp 304

Brass Nuts - 13MHP

Material
304 / 1.4308

Application
Hygienic

Hinge Layout
Separate Segments
**SSH Clamps 304 – Brass**

Part Number	Size			Dimension (mm)				Weight (kg)	MAWP Bar (g)	Legacy Part Number
	Imperial	Metric	ISO	Flange (A)	Radius (B)	Length (C)	Width (W)			
SSBX0002504	1½"	DN6-8	DN8-10	25.00	37.00	65.00	16.00	0.16	75	CL.SSH.0050.6
SSBX0003404	DN10	DN10-20		34.00	42.00	74.00	18.00	0.22	75	CL.SSH.D010.6
SSBX0005004	1½"	DN25-40	DN15-25	50.50	64.00	103.00	26.00	0.66	75	CL.SSH.0100.4
SSBX0006404	2"	DN50	DN32-40	64.00	73.00	113.00	26.00	0.82	75	CL.SSH.0200.4
SSBX0007704	2½"		DN50	77.50	80.00	128.00	26.00	0.94	75	CL.SSH.0250.4
SSBX0009104	3"	DN65	DN65	91.00	86.00	137.00	26.00	1.02	60	CL.SSH.0300.4
SSBX0010604	3½"	DN80	DN80	106.00	94.00	150.00	26.00	1.07	60	CL.SSH.0350.4
SSBX0011904	4"	DN100		119.00	102.00	165.00	26.00	1.27	53	CL.SSH.0400.4
SSBX0013004	4½"		DN100	130.00	105.00	174.00	26.00	1.33	45	CL.SSH.0450.B
SSBX0014404	5"			144.00	117.00	208.00	18.00	1.80	45	CL.SSH.0500.B
SSBX0015504	5½"	DN125	DN125	155.00	125.00	226.00	26.00	1.9	45	CL.SSH.0550.B
SSBX0016704	6"			167.00	132.00	240.00	26.00	1.93	45	CL.SSH.0600.B
SSBX0018304	6⅝"	DN150	DN150	183.00	142.00	260.00	26.00	2.11	38	CL.SSH.0658.B
SSBX0021704	8"			217.00	150.00	286.00	26.00	2.46	30	CL.SSH.0800.B
SSBX0023304	8⅝"	DN200	DN200	233.00	168.00	318.00	26.00	2.52	30	CL.SSH.0858.B
SSBX0026804	10"	DN250		267.00	268.00	185.50	30.00	4.49	30	CL.SSH.1000.B
SSBX0028604	10⅝"		DN250	286.00	286.00	196.00	30.00	4.68	20	CL.SSH.1058.B
SSBX0031904	12"	DN300		319.00	319.00	226.00	30.00	5.4	20	CL.SSH.1200.B
SSBX0033804	12⅝"		DN300	338.00	338.00	222.50	30.00	5.89	20	CL.SSH.1258.B



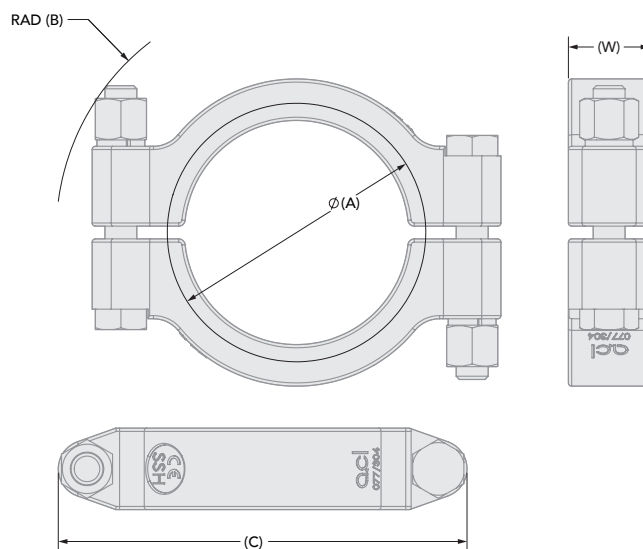
1.2.2

ACL® SSH Clamp 304

Steel Nuts - 13MHP

Material
304 / 1.4308

Application
Hygienic

Hinge Layout
Separate Segments
**SSH Clamps 304 – Steel**

Part Number	Size			Dimension (mm)				Weight (kg)	MAWP Bar (g)	Legacy Part Number
	Imperial	Metric	ISO	Flange (A)	Radius (B)	Length (C)	Width (W)			
SSHX0002504	1½"	DN6-8	DN8-10	25.40	37.00	65.00	16.00	0.16	75	CL.SSH.0050.6S
SSHX0003404	DN10	DN10-20		34.00	42.00	74.00	18.00	0.22	75	CL.SSH.D010.6S
SSHX0005004	1½"	DN25-40	DN15-25	50.50	64.00	103.00	26.00	0.66	75	CL.SSH.0100.S
SSHX0006404	2"	DN50	DN32-40	64.00	73.00	113.00	26.00	0.82	75	CL.SSH.0200.S
SSHX0007704	2½"		DN50	77.50	80.00	128.00	26.00	0.94	75	CL.SSH.0250.S
SSHX0009104	3"	DN65	DN65	91.00	86.00	137.00	26.00	1.02	60	CL.SSH.0300.S
SSHX0010604	3½"	DN80	DN80	106.00	94.00	150.00	26.00	1.07	60	CL.SSH.0350.S
SSHX0011904	4"	DN100		119.00	102.00	165.00	26.00	1.27	53	CL.SSH.0400.S
SSHX0013004	4½"		DN100	130.00	105.00	174.00	26.00	1.33	45	CL.SSH.0450.4
SSHX0014404	5"			144.00	117.00	208.00	18.00	1.80	45	CL.SSH.0500.4
SSHX0015504	5½"	DN125	DN125	155.00	125.00	226.00	26.00	1.9	45	CL.SSH.0550.4
SSHX0016704	6"			167.00	132.00	240.00	26.00	1.93	45	CL.SSH.0600.4
SSHX0018304	6⅝"	DN150	DN150	183.00	142.00	260.00	26.00	2.11	38	CL.SSH.0658.4
SSHX0021704	8"			217.00	150.00	286.00	26.00	2.46	30	CL.SSH.0800.4
SSHX0023304	8⅝"	DN200	DN200	233.00	168.00	318.00	26.00	2.52	30	CL.SSH.0858.4
SSHX0026804	10"	DN250		267.00	268.00	185.50	358.00	4.49	30	CL.SSH.1000.4
SSHX0028604	10⅝"		DN250	286.00	286.00	196.00	380.00	4.68	20	CL.SSH.1058.4
SSHX0031904	12"	DN300		319.00	319.00	226.00	415.00	5.4	20	CL.SSH.1200.4
SSHX0033804	12⅝"		DN300	338.00	338.00	222.50	435.00	5.89	20	CL.SSH.1258.4



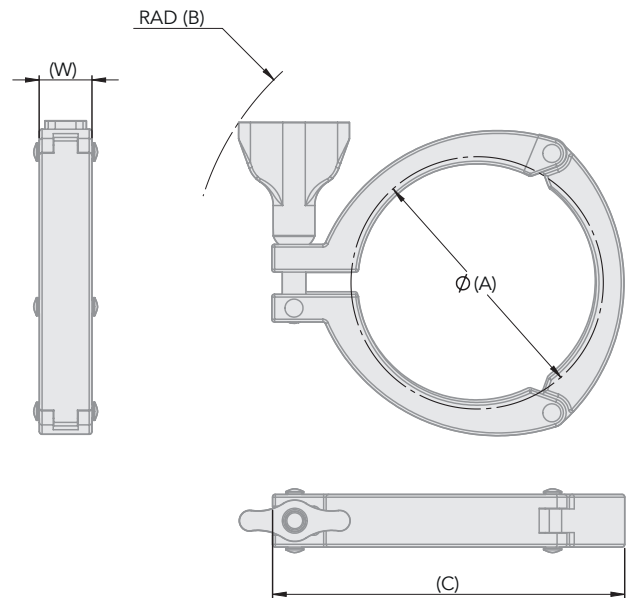
1.3.1

ACL® 3 Segment Clamp 304 13MHHS

Material
304 / 1.4308

Application
Hygienic

Hinge Layout
Interlocking Rivets



3 Segment Clamps

Part Number	Size			Dimension (mm)				Weight (kg)	MAWP Bar (g)	Legacy Part Number
	Imperial	Metric	ISO	Flange (A)	Radius (B)	Length (C)	Width (W)			
S3WN0005004	1½"	DN25-40	DN15-25	50.50	76.20	81.70	19.00	0.37	21	CL.3S.0100
S3WN0006404	2"	DN50	DN32-40	64.00	82.00	93.50	19.00	0.42	19	CL.3S.0200
S3WN0007704	2½"		DN50	77.50	87.00	109.00	19.50	0.49	16	CL.3S.0250
S3WN0009104	3"	DN65	DN65	91.00	96.00	126.50	19.50	0.63	12	CL.3S.0300
S3WN0011904	4"	DN100		119.00	124.00	150.00	19.50	0.80	10	CL.3S.0400



1.3.2

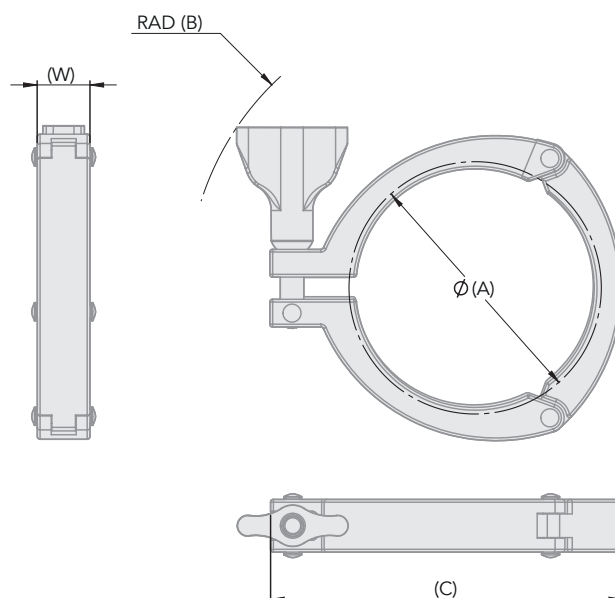
ACL® 3 Segment Safety Clamp 304

Safety gate, stepped eye-bolt & recessed wing nut - 13MHHS

Material
304 / 1.4308

Application
Hygienic

Hinge Layout
Interlocking Rivets

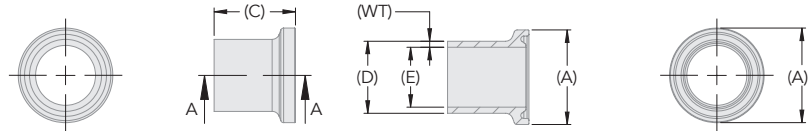
**3 Segment Safety Clamps**

Part Number	Size			Dimension (mm)				Weight (kg)	MAWP Bar (g)	Legacy Part Number
	Imperial	Metric	ISO	Flange (A)	Radius (B)	Length (C)	Width (W)			
S3SF0005004	1½"	DN25-40	DN15-25	50.50	76.20	81.70	19.00	0.37	21	CL.SAF3.0100
S3SF0006404	2"	DN50	DN32-40	64.00	82.00	93.50	19.00	0.42	19	CL.SAF3.0200
S3SF0007704	2½"		DN50	77.50	87.00	109.00	19.50	0.49	16	CL.SAF3.0250
S3SF0009104	3"	DN65	DN65	91.00	96.00	126.50	19.50	0.63	12	CL.SAF3.0300
S3SF0011904	4"	DN100		119.00	124.00	150.00	19.50	0.80	10	CL.SAF3.0400

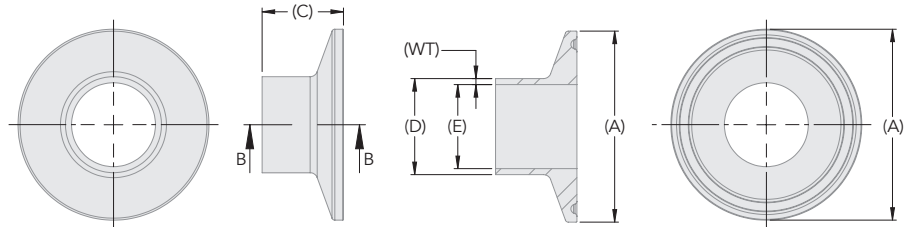


2.1

ACL® BS 4825 Part 3 Ferrules

Material
1.4404
**Type A – 25.0mm Flange**

Section A-A

Type B – 34.0mm to 338.0mm Flange

Section B-B

BS 4825 Part 3 Ferrules

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDB4025127021SD6L	½"	12.70	9.52	25.00	1.59	21.50	0.02	FRD.BS.0050
FDB4025195021SD6L	¾"	19.05	15.87	25.00	1.59	21.50	0.02	FRD.BS.0075
FDB4050025021SD6L	1"	25.65	22.20	50.50	1.73	21.50	0.08	FRD.BS.0100
FDB4050038021SD6L	1½"	38.35	34.90	50.50	1.73	21.50	0.06	FRD.BS.0150
FDB4064051021SD6L	2"	51.05	47.60	64.00	1.73	21.50	0.08	FRD.BS.0200
FDB4077063021SD6L	2½"	63.75	60.30	77.50	1.73	21.50	0.10	FRD.BS.0250
FDB4091076021SD6L	3"	76.45	73.00	91.00	1.73	21.50	0.13	FRD.BS.0300
FDB4106088021SD6L	3½"	88.90	84.70	106.00	2.10	21.50	0.21	FRD.BS.0350
FDB4114101021SD6L	4"	101.85	97.60	119.00	2.13	21.50	0.21	FRD.BS.0400
FDB4130114028SD6L	4½"	114.95	110.30	130.00	2.33	28.00	0.21	FRD.BS.0450
FDB4144128028SD6L	5"	127.00	123.00	144.40	2.00	28.00	0.41	FRD.BS.0500
FDB4155140028SD6L	5½"	140.55	135.70	155.00	2.43	28.00	0.43	FRD.BS.0550
FDB4167154028SD6L	6"	154.00	150.00	167.00	2.00	28.00	0.38	FRD.BS.0600
FDB4183169028SD6L	6 ⅝"	169.35	163.10	183.00	3.13	28.00	0.56	FRD.BS.0658
FDB4217204028SD6L	8"	204.00	200.00	217.40	2.00	28.00	0.52	FRD.BS.0800
FDB4233220028SD6L	8 ⅝"	220.55	213.90	233.50	3.33	28.00	0.73	FRD.BS.0858
FDB4268254028SD6L	10"	254.00	250.00	268.00	2.00	28.00	0.65	FRD.BS.1000
FDB4286273028SD6L	10 ⅝"	273.00	266.30	286.10	3.35	28.00	0.93	FRD.BS.1058
FDB4319304028SD6L	12"	304.80	300.80	319.00	2.00	28.00	0.81	FRD.BS.1200
FDB4338324028SD6L	12 ⅝"	323.80	315.90	338.00	3.95	28.00	1.28	FRD.BS.1258

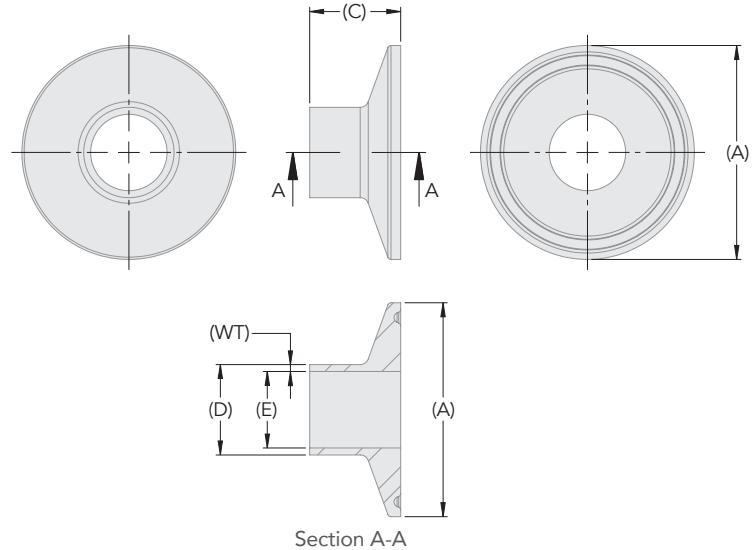


2.2

ACL® BS Schedule 5 Ferrules

Material
1.4404


Type B – 50.5mm to 338.0mm Flange



BS Schedule 5 Ferrules

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDB1050021021SD6L	½"	21.34	18.04	50.50	1.65	21.50	0.06	FRD.BS05.0050
FDB1050026021SD6L	¾"	26.67	23.37	50.50	1.65	21.50	0.07	FRD.BS05.0075
FDB1050033021SD6L	1"	33.40	30.10	50.50	1.65	21.50	0.08	FRD.BS05.0100
FDB1064042021SD6L	1¼"	42.16	38.86	64.00	1.65	21.50	0.08	FRD.BS05.0125
FDB1064048021SD6L	1½"	48.26	44.96	64.00	1.65	21.50	0.09	FRD.BS05.0150
FDB1077060021SD6L	2"	60.32	57.02	77.50	1.65	21.50	0.10	FRD.BS05.0200
FDB1091073021SD6L	2½"	73.03	68.81	91.00	2.11	21.50	0.16	FRD.BS05.0250
FDB1106089021SD6L	3"	88.90	84.68	106.00	2.11	21.50	0.21	FRD.BS05.0300
FDB1119101021SD6L	3½"	101.60	97.38	119.00	2.11	21.50	0.21	FRD.BS05.0350
FDB1130114028SD6L	4"	114.30	110.08	130.00	2.11	28.00	0.25	FRD.BS05.0400
FDB1155141028SD6L	5"	141.30	135.76	155.00	2.77	28.00	0.43	FRD.BS05.0500
FDB1183168028SD6L	6"	168.28	162.74	183.00	2.77	28.00	0.56	FRD.BS05.0600
FDB1233219028SD6L	8"	219.08	213.54	233.50	2.77	28.00	0.73	FRD.BS05.0800
FDB1286273028SD6L	10"	273.05	266.25	286.10	3.40	28.00	0.93	FRD.BS05.1000
FDB1338324028SD6L	12"	323.85	315.93	338.00	3.96	28.00	1.28	FRD.BS05.1200

The table above shows the full range of BS Schedule 5 ferrules as given in the exacting standard. Advanced Couplings can offer non-standard BS Schedule 5 ferrule adaptations in varying lengths and internal surface finishes to suit individual customer requirements. Please contact our sales department if the ferrule you require cannot be found in our manual.

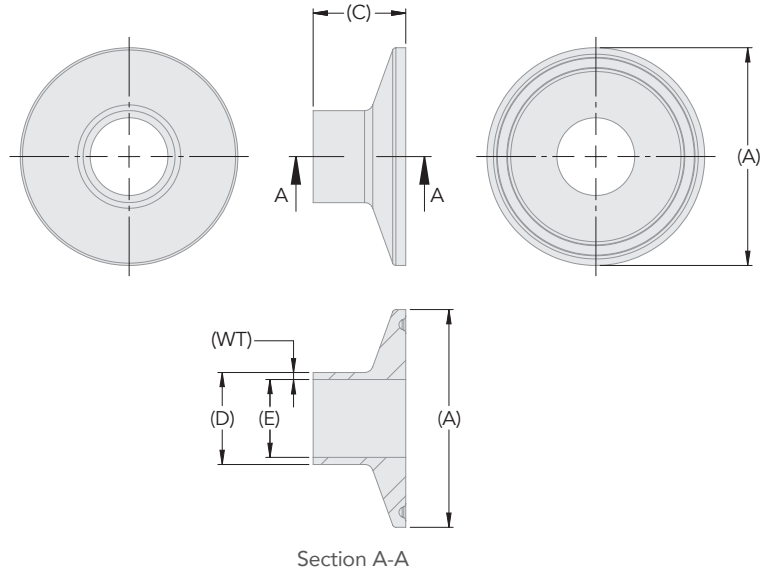


2.3

ACL® BS Schedule 10 Ferrules

 Material
1.4404


Type B – 50.5mm to 338.0mm Flange



BS Schedule 10 Ferrules

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDB2050021021SD6L	½"	21.34	17.12	50.50	2.11	21.50	0.08	FRD.BS10.0050
FDB2050026021SD6L	¾"	26.67	22.45	50.50	2.11	21.50	0.08	FRD.BS10.0075
FDB2050033021SD6L	1"	33.40	27.86	50.50	2.77	21.50	0.08	FRD.BS10.0100
FDB2064042021SD6L	1¼"	42.16	36.62	64.00	2.77	21.50	0.09	FRD.BS10.0125
FDB2064048021SD6L	1½"	48.26	42.72	64.00	2.77	21.50	0.11	FRD.BS10.0150
FDB2077060021SD6L	2"	60.32	54.79	77.50	2.77	21.50	0.15	FRD.BS10.0200
FDB2091073021SD6L	2½"	73.03	66.93	91.00	3.05	21.50	0.18	FRD.BS10.0250
FDB2106089021SD6L	3"	88.90	82.80	106.00	3.05	21.50	0.22	FRD.BS10.0300
FDB2119101021SD6L	3½"	101.60	95.50	119.00	3.05	21.50	0.28	FRD.BS10.0350
FDB2130114028SD6L	4"	114.30	108.20	130.00	3.05	28.00	0.34	FRD.BS10.0400
FDB2155141028SD6L	5"	141.30	134.50	155.00	3.40	28.00	0.43	FRD.BS10.0500
FDB2183168028SD6L	6"	168.28	161.47	183.00	3.41	28.00	0.61	FRD.BS10.0600
FDB2233219028SD6L	8"	219.08	211.56	233.50	3.76	28.00	0.73	FRD.BS10.0800
FDB2286273028SD6L	10"	273.05	264.67	286.10	4.19	28.00	0.93	FRD.BS10.1000
FDB2338324028SD6L	12"	323.85	314.71	338.00	4.57	28.00	1.28	FRD.BS10.1200

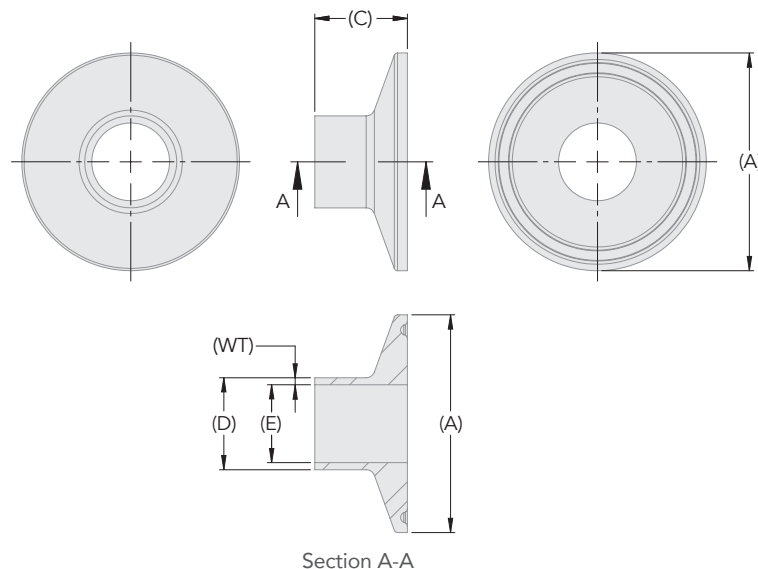
The table above shows the full range of BS Schedule 10 ferrules as given in the exacting standard. Advanced Couplings can offer non-standard BS Schedule 10 ferrule adaptations in varying lengths and internal surface finishes to suit individual customer requirements. Please contact our sales department if the ferrule you require cannot be found in our manual.



2.4

ACL® BS Schedule 40 Ferrules

Material
1.4404

Type B – 50.5mm to 338.0mm Flange

BS Schedule 40 Ferrules

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDB3050021021SD6L	½"	21.34	15.80	50.50	2.77	21.50	0.09	FRD.BS40.0050
FDB3050026021SD6L	¾"	26.67	20.93	50.50	2.87	21.50	0.09	FRD.BS40.0075
FDB3050033021SD6L	1"	33.40	26.64	50.50	3.38	21.50	0.09	FRD.BS40.0100
FDB3064042021SD6L	1¼"	42.16	35.04	64.00	3.56	21.50	0.13	FRD.BS40.0125
FDB3064048021SD6L	1½"	48.26	40.88	64.00	3.69	21.50	0.13	FRD.BS40.0150
FDB3077060021SD6L	2"	60.32	52.51	77.50	3.91	21.50	0.18	FRD.BS40.0200
FDB3091073021SD6L	2½"	73.03	62.71	91.00	5.16	21.50	0.22	FRD.BS40.0250
FDB3106089021SD6L	3"	88.90	77.92	106.00	5.49	21.50	0.26	FRD.BS40.0300
FDB3119101021SD6L	3½"	101.60	90.12	119.00	5.74	21.50	0.34	FRD.BS40.0350
FDB3130114028SD6L	4"	114.30	102.26	130.00	6.02	28.00	0.44	FRD.BS40.0400
FDB3155141028SD6L	5"	141.30	128.20	155.00	6.55	28.00	0.52	FRD.BS40.0500
FDB3183168028SD6L	6"	168.28	154.06	183.00	7.11	28.00	0.63	FRD.BS40.0600
FDB3233219028SD6L	8"	219.08	202.72	233.50	8.18	28.00	0.80	FRD.BS40.0800
FDB3286273028SD6L	10"	273.05	254.51	286.10	9.27	28.00	1.00	FRD.BS40.1000
FDB5338324028SD6L	12"	323.85	304.79	338.00	9.53	28.00	1.35	FRD.BS40.1200

The table above shows the full range of BS Schedule 40 ferrules as given in the exacting standard. Advanced Couplings can offer non-standard BS Schedule 40 ferrule adaptations in varying lengths and internal surface finishes to suit individual customer requirements. Please contact our sales department if the ferrule you require cannot be found in our manual.

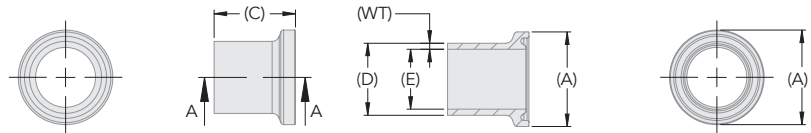


2.5

ACL® ASME BPE Ferrules

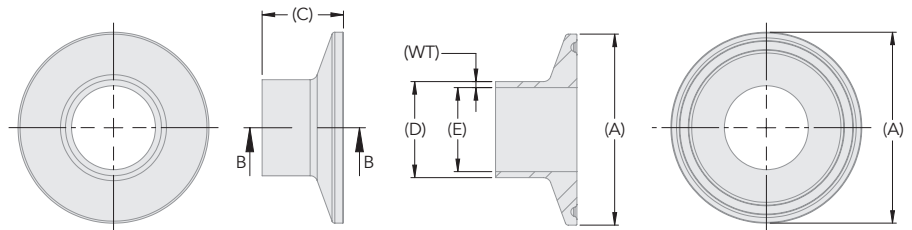
Material
1.4404
Low sulphur

Type A – 25.0mm Flange



Section A-A

Type B – 50.5mm to 338.0mm Flange



Section B-B

ASME BPE Ferrules

Part Number	Size	Dimension (mm)						Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)	Length (C)		
FDA1025635	¼"	6.35	4.57	25.40	0.89	28.50	44.50	0.02	FR.BPES.0025
FDA1025952	⅜"	9.52	7.74	25.40	0.89	28.50	44.50	0.02	FR.BPES.0038
FDA1025127	½"	12.70	9.40	25.40	1.65	28.50	44.50	0.02	FR.BPES.0050
FDA1025195	¾"	19.05	15.75	25.40	1.65	28.50	44.50	0.02	FR.BPES.0075
FDA1050025	1"	25.40	22.10	50.50	1.65	28.50	44.50	0.08	FR.BPES.0100
FDA1050038	1½"	38.10	34.80	50.50	1.65	28.50	44.50	0.08	FR.BPES.0150
FDA1064051	2"	50.80	47.50	64.00	1.65	28.50	57.20	0.14	FR.BPES.0200
FDA1077063	2½"	63.50	60.20	77.50	1.65	28.50	57.20	0.21	FR.BPES.0250
FDA1091076	3"	76.20	72.90	91.00	1.65	28.50	57.20	0.28	FR.BPES.0300
FDA1119101	4"	101.60	97.38	119.00	2.11	28.50	57.20	0.42	FR.BPES.0400
FDA1167154	6"	152.40	146.86	167.00	2.77	28.50	76.10	0.88	FR.BPES.0600

Ferrule Length Codes

Length	Code
28.5mm - All sizes	028
44.5mm - ¼" to 1½"	044
57.2mm - 2" to 4"	057
76.1mm - 6" only	076

Surface Finish / Material Codes

Finish	Code
SF1 - 0.50 Ra	S1
SF2 - 0.63 Ra	S2
SF3 - 0.75 Ra	S3
SF4 - 0.38 Ra E/Pol	S4
SF5 - 0.50 Ra E/Pol	S5
SF6 - 0.63 Ra E/Pol	S6
Material	Code
1.4404 L/S	B6

Ordering Code Example

1" BPE Ferrule	Length	Finish
FDA1050025	044	S4B6
Order code = FDA1050025044S4B6		



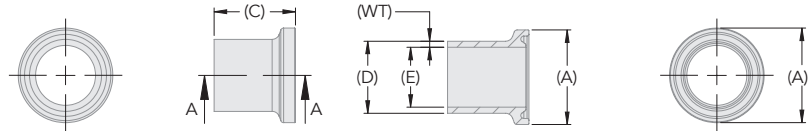
2.6.1

ACL® DIN 32676 Table A Ferrules Short (12.7mm - 28mm)

Material
1.4404

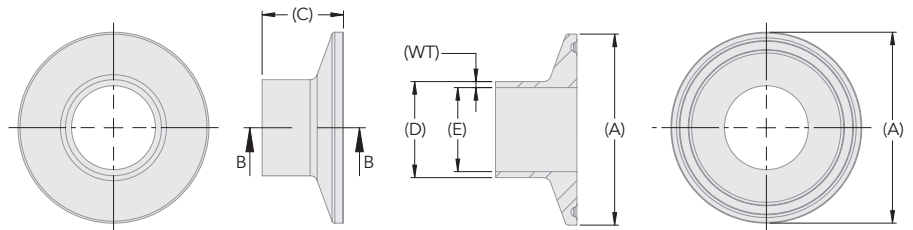


Type A – 25.0mm Flange



Section A-A

Type B – 34.0mm to 233.5mm Flange



Section B-B

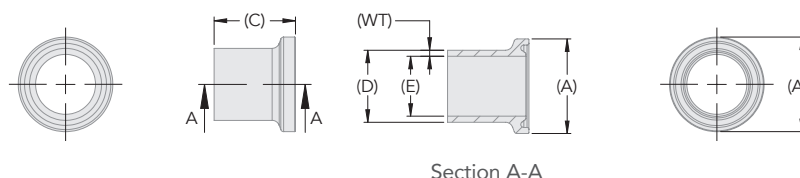
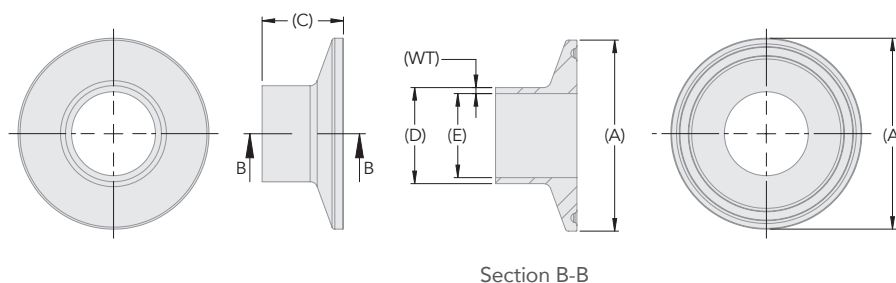
DIN 32676 Table A Ferrules – Short

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDD2025008012SD6L	DN 06	8.00	6.00	25.00	1.00	12.70	0.02	FRD.DNAS.006
FDD2025010012SD6L	DN 08	10.00	8.00	25.00	1.00	12.70	0.02	FRD.DNAS.008
FDD2034013018SD6L	DN 10	13.00	10.00	34.00	1.50	18.00	0.03	FRD.DNAS.010
FDD2034019018SD6L	DN 15	19.00	16.00	34.00	1.50	18.00	0.03	FRD.DNAS.015
FDD2034023018SD6L	DN 20	23.00	20.00	34.00	1.50	18.00	0.03	FRD.DNAS.020
FDD2050029021SD6L	DN 25	29.00	26.00	50.50	1.50	21.50	0.07	FRD.DNAS.025
FDD2050035021SD6L	DN 32	35.00	32.00	50.50	1.50	21.50	0.06	FRD.DNAS.032
FDD2050041021SD6L	DN 40	41.00	38.00	50.50	1.50	21.50	0.05	FRD.DNAS.040
FDD2064053021SD6L	DN 50	53.00	50.00	64.00	1.50	21.50	0.07	FRD.DNAS.050
FDD2091070028SD6L	DN 65	70.00	66.00	91.00	2.00	28.00	0.19	FRD.DNAS.065
FDD2106085028SD6L	DN 80	85.00	81.00	106.00	2.00	28.00	0.23	FRD.DNAS.080
FDD2119104028SD6L	DN 100	104.00	100.00	119.00	2.00	28.00	0.22	FRD.DNAS.100
FDD2155129028SD6L	DN 125	129.00	125.00	155.00	2.00	28.00	0.53	FRD.DNAS.125
FDD2183154028SD6L	DN 150	154.00	150.00	183.00	2.00	28.00	0.76	FRD.DNAS.150
FDD2233204028SD6L	DN 200	204.00	200.00	233.50	2.00	28.00	0.93	FRD.DNAS.200



2.6.2

ACL® DIN 32676 Table A Ferrules Long (28.6mm - 66mm)

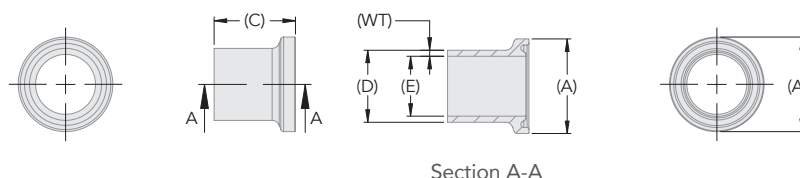
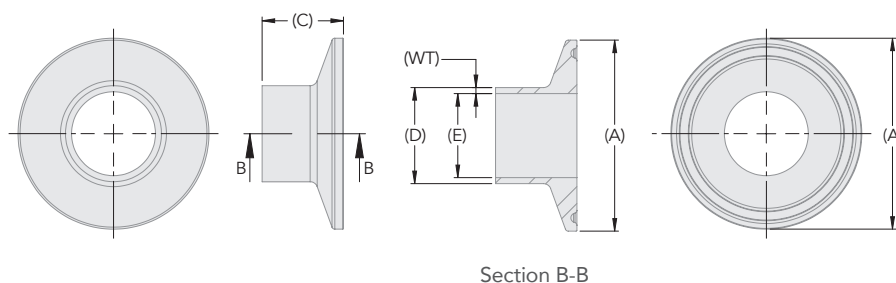
Material
1.4404
**Type A – 25.0mm Flange****Type B – 34.0mm to 233.5mm Flange****DIN 32676 Table A Ferrules - Long**

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDD2025008028SD6L	DN 06	8.00	6.00	25.00	1.00	28.60	0.02	FRD.DNAL.006
FDD2025010028SD6L	DN 08	10.00	8.00	25.00	1.00	28.60	0.02	FRD.DNAL.008
FDD2034013028SD6L	DN 10	13.00	10.00	34.00	1.50	28.60	0.03	FRD.DNAL.010
FDD2034019028SD6L	DN 15	19.00	16.00	34.00	1.50	28.60	0.03	FRD.DNAL.015
FDD2034023028SD6L	DN 20	23.00	20.00	34.00	1.50	28.60	0.03	FRD.DNAL.020
FDD2050029036SD6L	DN 25	29.00	26.00	50.50	1.50	36.00	0.08	FRD.DNAL.025
FDD2050035036SD6L	DN 32	35.00	32.00	50.50	1.50	36.00	0.07	FRD.DNAL.032
FDD2050041036SD6L	DN 40	41.00	38.00	50.50	1.50	36.00	0.07	FRD.DNAL.040
FDD2064053036SD6L	DN 50	53.00	50.00	64.00	1.50	36.00	0.09	FRD.DNAL.050
FDD2091070048SD6L	DN 65	70.00	66.00	91.00	2.00	48.00	0.25	FRD.DNAL.065
FDD2106085048SD6L	DN 80	85.00	81.00	106.00	2.00	48.00	0.30	FRD.DNAL.080
FDD2119104048SD6L	DN 100	104.00	100.00	119.00	2.00	48.00	0.31	FRD.DNAL.100
FDD2155129066SD6L	DN 125	129.00	125.00	155.00	2.00	66.00	0.75	FRD.DNAL.125
FDD2183154066SD6L	DN 150	154.00	150.00	183.00	2.00	66.00	0.95	FRD.DNAL.150
FDD2233204066SD6L	DN 200	204.00	200.00	233.50	2.00	66.00	1.27	FRD.DNAL.200



2.6.3

ACL® DIN 32676 Table B Ferrules Short (12.7mm - 28mm)

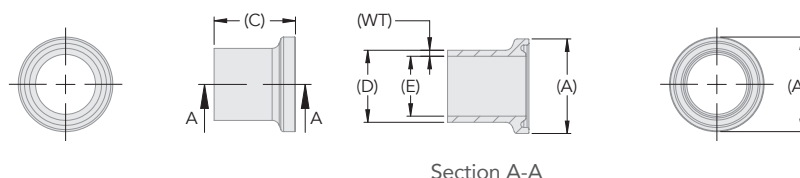
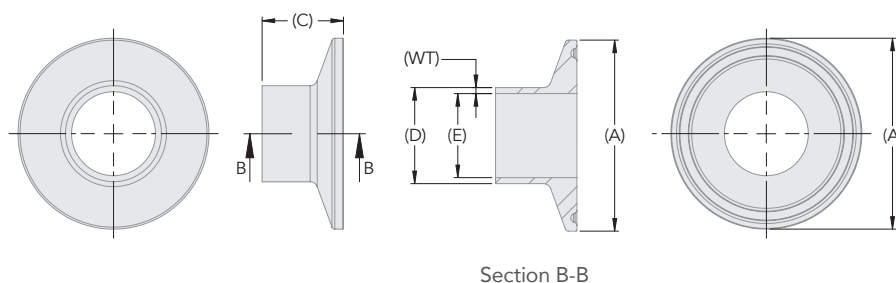
Material
1.4404
**Type A – 25.0mm Flange****Type B – 34.0mm to 233.5mm Flange****DIN 32676 Table B Ferrules – Short**

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
Fddb025010127SD6L	DN 10.2	10.20	7.00	25.00	1.60	12.70	0.02	FRD.DNBS.006
Fddb025013127SD6L	DN 13.5	13.50	10.30	25.00	1.60	12.70	0.01	FRD.DNBS.008
Fddb025017018SD6L	DN 17.2	17.20	14.00	25.00	1.60	18.00	0.02	FRD.DNBS.010
Fddb050021018SD6L	DN 21.3	21.30	18.10	50.50	1.60	18.00	0.08	FRD.DNBS.015
Fddb050027018SD6L	DN 26.9	26.90	23.70	50.50	1.60	18.00	0.07	FRD.DNBS.020
Fddb050034021SD6L	DN 33.7	33.70	29.70	50.50	2.00	21.50	0.07	FRD.DNBS.025
Fddb064042021SD6L	DN 42.4	42.40	38.40	64.00	2.00	21.50	0.10	FRD.DNBS.032
Fddb064048021SD6L	DN 48.3	48.30	44.30	64.00	2.00	21.50	0.09	FRD.DNBS.040
Fddb077060021SD6L	DN 60.3	60.30	56.30	77.50	2.00	21.50	0.12	FRD.DNBS.050
Fddb091076021SD6L	DN 76.1	76.10	72.10	91.00	2.00	28.00	0.16	FRD.DNBS.065
Fddb106089028SD6L	DN 88.9	88.90	84.30	106.00	2.30	28.00	0.21	FRD.DNBS.080
Fddb130114028SD6L	DN 114.3	114.30	109.70	130.00	2.30	28.00	0.26	FRD.DNBS.100
Fddb155140028SD6L	DN 139.7	139.70	134.50	155.00	2.60	28.00	0.42	FRD.DNBS.125
Fddb183168028SD6L	DN 168.3	168.30	163.10	183.00	2.60	28.00	0.49	FRD.DNBS.150
Fddb233219028SD6L	DN 219.1	219.10	213.90	233.50	2.60	28.00	0.64	FRD.DNBS.200



2.6.4

ACL® DIN 32676 Table B Ferrules Long (28.6mm - 66mm)

Material
1.4404
**Type A – 25.0mm Flange****Type B – 34.0mm to 233.5mm Flange****DIN 32676 Table B Ferrules – Long**

Part Number	Size	Dimensions (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
Fddb025010028SD6L	DN 10.2	10.20	7.00	25.00	1.60	28.60	0.02	FRD.DNBL.006
Fddb025013028SD6L	DN 13.5	13.50	10.30	25.00	1.60	28.60	0.02	FRD.DNBL.008
Fddb025017028SD6L	DN 17.2	17.20	14.00	25.00	1.60	28.60	0.03	FRD.DNBL.010
Fddb050021028SD6L	DN 21.3	21.30	18.10	50.50	1.60	28.60	0.08	FRD.DNBL.015
Fddb050027028SD6L	DN 26.9	26.90	23.70	50.50	1.60	28.60	0.08	FRD.DNBL.020
Fddb050034036SD6L	DN 33.7	33.70	29.70	50.50	2.00	36.00	0.09	FRD.DNBL.025
Fddb064042036SD6L	DN 42.4	42.40	38.40	64.00	2.00	36.00	0.13	FRD.DNBL.032
Fddb064048036SD6L	DN 48.3	48.30	44.30	64.00	2.00	36.00	0.12	FRD.DNBL.040
Fddb077060036SD6L	DN 60.3	60.30	56.30	77.50	2.00	36.00	0.16	FRD.DNBL.050
Fddb091076048SD6L	DN 76.1	76.10	72.10	91.00	2.00	48.00	0.23	FRD.DNBL.065
Fddb106089048SD6L	DN 88.9	88.90	84.30	106.00	2.30	48.00	0.31	FRD.DNBL.080
Fddb130114048SD6L	DN 114.3	114.30	109.70	130.00	2.30	48.00	0.39	FRD.DNBL.100
Fddb155140066SD6L	DN 139.7	139.70	134.50	155.00	2.60	66.00	0.75	FRD.DNBL.125
Fddb183168066SD6L	DN 168.3	168.30	163.10	183.00	2.60	66.00	0.89	FRD.DNBL.150
Fddb233219066SD6L	DN 219.1	219.10	213.90	233.50	2.60	66.00	1.15	FRD.DNBL.200



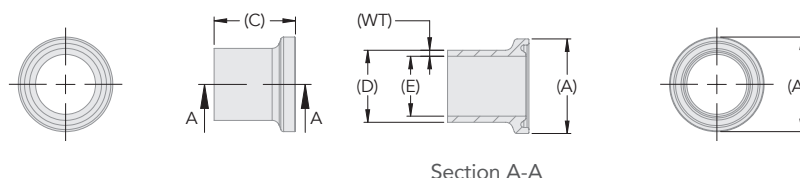
2.6.5

ACL® DIN 32676 Table C Ferrules Short (12.7mm - 28mm)

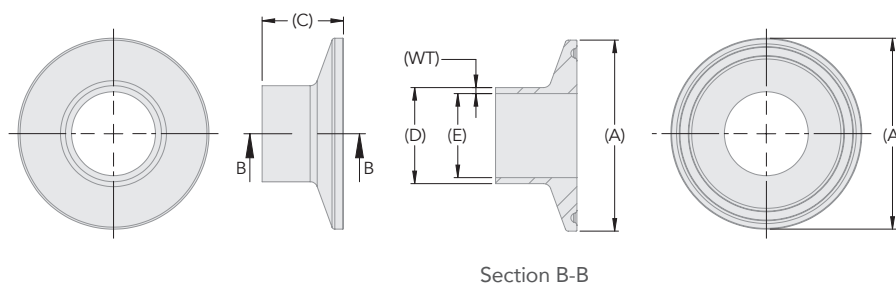
Material
1.4404
Low Sulphur



Type A – 25.0mm Flange



Type B – 50.5mm to 167.0mm Flange



DIN 32676 Table C Ferrules – Short

Part Number	Size	Dimensions (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDDC025635012SD6L	¼"	6.35	4.57	25.00	0.89	12.70	0.02	FRD.DNCS.025
FDDC025952012SD6L	⅜"	9.52	7.74	25.00	0.89	12.70	0.02	FRD.DNCS.038
FDDC025127012SD6L	½"	12.70	9.40	25.00	1.65	12.70	0.02	FRD.DNCS.050
FDDC025195012SD6L	¾"	19.05	15.75	25.00	1.65	12.70	0.02	FRD.DNCS.075
FDDC050025021SD6L	1"	25.40	22.10	50.50	1.65	21.50	0.07	FRD.DNCS.100
FDDC050038021SD6L	1½"	38.10	34.80	50.50	1.65	21.50	0.05	FRD.DNCS.150
FDDC064051021SD6L	2"	50.80	47.50	64.00	1.65	21.50	0.07	FRD.DNCS.200
FDDC077063028SD6L	2½"	63.50	60.20	77.50	1.65	28.00	0.11	FRD.DNCS.250
FDDC091076028SD6L	3"	76.20	72.90	91.00	1.65	28.00	0.14	FRD.DNCS.300
FDDC119101028SD6L	4"	101.60	97.38	119.00	2.11	28.00	0.24	FRD.DNCS.400
FDDC167154028SD6L	6"	152.40	146.86	167.00	2.77	28.00	0.46	FRD.DNCS.600



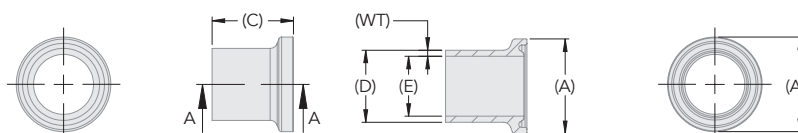
2.6.6

ACL® DIN 32676 Table C Ferrules Long (28.6mm - 66mm)

Material
1.4404
Low Sulphur

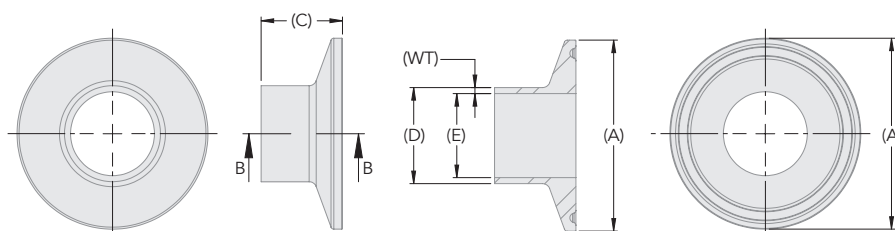


Type A – 25.0mm Flange



Section A-A

Type B – 50.5mm to 167.0mm Flange



Section B-B

DIN 32676 Table C Ferrules – Long

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDDC025635028SD6L	¼"	6.35	4.57	25.00	0.89	28.60	0.02	FRD.DNCL.025
FDDC025952028SD6L	⅜"	9.52	7.74	25.00	0.89	28.60	0.02	FRD.DNCL.038
FDDC025127028SD6L	½"	12.70	9.40	25.00	1.65	28.60	0.03	FRD.DNCL.050
FDDC025195028SD6L	¾"	19.05	15.75	25.00	1.65	28.60	0.03	FRD.DNCL.075
FDDC050025036SD6L	1"	25.40	22.10	50.50	1.65	36.00	0.08	FRD.DNCL.100
FDDC050038036SD6L	1½"	38.10	34.80	50.50	1.65	36.00	0.06	FRD.DNCL.150
FDDC064051036SD6L	2"	50.80	47.50	64.00	1.65	36.00	0.09	FRD.DNCL.200
FDDC077063036SD6L	2½"	63.50	60.20	77.50	1.65	36.00	0.13	FRD.DNCL.250
FDDC091076048SD6L	3"	76.20	72.90	91.00	1.65	48.00	0.18	FRD.DNCL.300
FDDC119101048SD6L	4"	101.60	97.38	119.00	2.11	48.00	0.31	FRD.DNCL.400
FDDC167154060SD6L	6"	152.40	146.86	167.00	2.77	60.00	0.66	FRD.DNCL.600



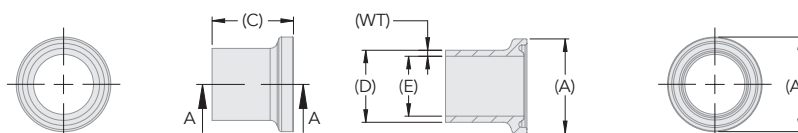
2.7.1

ACL® ISO 1127 Ferrules Standard

Material
1.4404

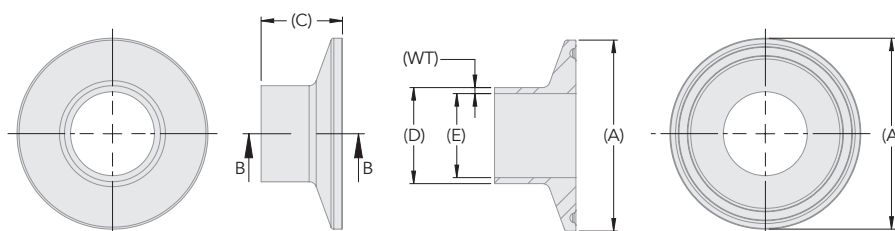


Type A – 25.0mm Flange



Section A-A

Type B – 50.5mm to 338.0mm Flange



Section B-B

ISO 1127 Ferrules – Standard

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDI7025013021SD6L	DN 8	13.50	10.30	25.00	1.60	21.50	0.02	FRD.IS1.D008
FDI7025017021SD6L	DN 10	17.20	14.00	25.00	1.60	21.50	0.02	FRD.IS1.D010
FDI7050021021SD6L	DN 15	21.30	18.10	50.50	1.60	21.50	0.08	FRD.IS1.D015
FDI7050026021SD6L	DN 20	26.90	23.70	50.50	1.60	21.50	0.08	FRD.IS1.D020
FDI7050033021SD6L	DN 25	33.70	29.70	50.50	2.00	21.50	0.07	FRD.IS1.D025
FDI7064042021SD6L	DN 32	42.40	38.40	64.00	2.00	21.50	0.11	FRD.IS1.D032
FDI7064048021SD6L	DN 40	48.30	44.30	64.00	2.00	21.50	0.09	FRD.IS1.D040
FDI7077060021SD6L	DN 50	60.30	56.30	77.50	2.00	21.50	0.12	FRD.IS1.D050
FDI7091076021SD6L	DN 65	76.10	72.10	91.00	2.00	21.50	0.14	FRD.IS1.D065
FDI7106089021SD6L	DN 80	88.90	84.30	106.00	2.30	21.50	0.18	FRD.IS1.D080
FDI7130114028SD6L	DN 100	114.30	109.70	130.00	2.30	28.00	0.25	FRD.IS1.D100
FDI7155139028SD6L	DN 125	139.70	134.50	155.00	2.60	28.00	0.37	FRD.IS1.D125
FDI7183168028SD6L	DN 150	168.30	163.10	183.00	2.60	28.00	0.51	FRD.IS1.D150
FDI7233219028SD6L	DN 200	219.10	213.90	233.50	2.60	28.00	0.66	FRD.IS1.D200
FDI7286273028SD6L	DN 250	273.00	267.80	286.10	2.60	28.00	0.93	FRD.IS1.D250
FDI7338324028SD6L	DN 300	323.90	318.70	338.50	2.60	28.00	1.28	FRD.IS1.D300



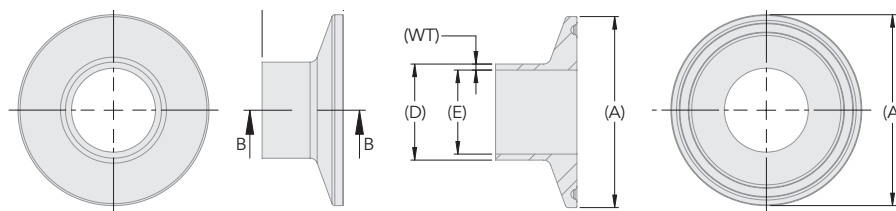
2.7.2

ACL® ISO 1127 Ferrules Variations

Material
1.4404



Type B – 34.0mm to 91.0mm Flange



Section B-B

ISO 1127 Ferrules – Variations

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDI8034013018SD6L	DN 8	13.50	10.30	34.00	1.60	18.00	0.03	FRD.IS1X.D008.A
FDI8050013021SD6L	DN 8	13.50	10.30	50.50	1.60	21.50	0.04	FRD.IS1X.D008.B
FDI8034017018SD6L	DN 10	17.20	14.00	34.00	1.60	18.00	0.03	FRD.IS1X.D010.A
FDI8034017021SD6L	DN 10	17.20	14.00	50.50	1.60	21.50	0.04	FRD.IS1X.D010.B
FDI8064021018SD6L	DN 15	21.30	18.10	34.00	1.60	18.00	0.03	FRD.IS1X.D015.A
FDI8050026021SD6L	DN 20	26.90	23.70	50.50	1.60	21.50	0.07	FRD.IS1X.D020.A
FDI8050033021SD6L	DN 25	33.70	30.50	50.50	1.60	21.50	0.07	FRD.IS1X.D025.A
FDI8050034021SD6L	DN 25	33.70	31.30	50.50	1.20	21.50	0.05	FRD.IS1X.D025.B
FDI8091076021SD6L	DN 65	76.10	72.90	91.00	1.60	21.50	0.12	FRD.IS1X.D065.A

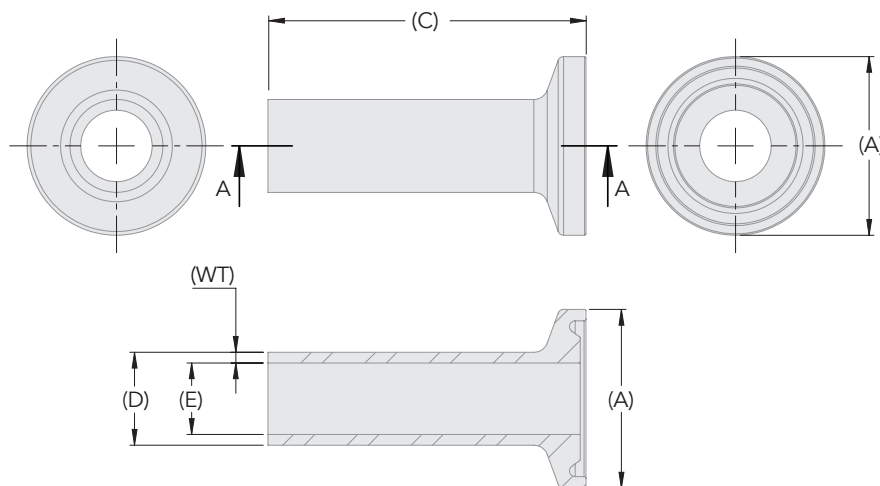


2.8

ACL® Mini-series Ultra-bore Ferrules Metric & Imperial

Material
1.4404


Type A – 25.0mm Flange



Section A-A

Mini-series Ultra-bore Ferrules – Metric

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDM2025006021SD6L	6 x 4	6.00	4.00	25.00	1.00	21.50	0.02	FRD.MS.0604
FDM2025008021SD6L	8 x 6	8.00	6.00	25.00	1.00	21.50	0.02	FRD.MS.0806
FDM2025010021SD6L	10 x 8	10.00	8.00	25.00	1.00	21.50	0.02	FRD.MS.1008
FDM2025012021SD6L	12 x 10	12.00	10.00	25.00	1.00	21.50	0.02	FRD.MS.1210
FDM2025014021SD6L	14 x 12	14.00	12.00	25.00	1.00	21.50	0.02	FRD.MS.1412
FDM2025016021SD6L	16 x 14	16.00	14.00	25.00	1.00	21.50	0.02	FRD.MS.1614
FDM2025018021SD6L	18 x 16	18.00	16.00	25.00	1.00	21.50	0.02	FRD.MS.1816

Mini-series Ultra-bore Ferrules – Imperial

Part Number	Size	Dimension (mm)					Weight (kg)	Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDM2025635021SD6L	¼"	6.35	4.57	25.00	0.89	21.50	0.02	FRD.MSI.025
FDM2025952021SD6L	⅜"	9.53	7.71	25.00	0.91	21.50	0.02	FRD.MSI.038
FDB4025127021SD6L	½"	12.70	9.52	25.00	1.59	21.50	0.02	FRD.MSI.050
FDB4025195021SD6L	¾"	19.05	15.87	25.00	1.59	21.50	0.02	FRD.MSI.075

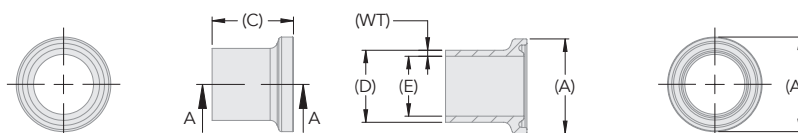


2.9

ACL® SMS 3008/3017 Ferrules

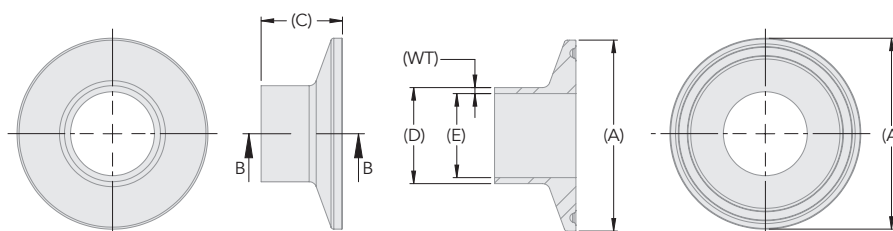
Material
1.4404


Type A – 25.0mm Flange



Section A-A

Type B – 50.5mm to 338.0mm Flange



Section B-B

SMS 3008 Ferrules

Part Number	Size		Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric (mm)	Imperial (inches)	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDS8025018021SD6L	18	¾"	18.00	16.00	25.00	1.00	21.50	0.02	FRD.SM8.0075
FDS8050025021SD6L	25	1"	25.00	22.60	50.50	1.20	21.50	0.07	FRD.SM8.0100
FDS8050038021SD6L	38	1½"	38.00	35.60	50.50	1.20	21.50	0.05	FRD.SM8.0150
FDS8064051021SD6L	51	2"	51.00	48.60	64.00	1.20	21.50	0.06	FRD.SM8.0200
FDS8077063021SD6L	63.5	2½"	63.50	60.30	77.50	1.60	21.50	0.10	FRD.SM8.0250
FDS8091076021SD6L	76.1	3"	76.10	72.90	91.00	1.60	21.50	0.12	FRD.SM8.0300
FDS8106089021SD6L	89	3½"	89.00	85.00	106.00	2.00	21.50	0.21	FRD.SM8.0350
FDS8119101021SD6L	101.6	4"	101.60	97.60	119.00	2.00	21.50	0.21	FRD.SM8.0400

SMS 3017 Ferrules

Part Number	Size		Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric (mm)	Imperial (inches)	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDS7050025021SD6L	25	1"	25.60	22.60	50.50	1.50	21.50	0.02	FRD.SM7.0100
FDS7050034021SD6L	33.7	1¼"	33.70	30.70	50.50	1.50	21.50	0.07	FRD.SM7.0125
FDS7050038021SD6L	38	1½"	38.00	35.60	50.50	1.50	21.50	0.05	FRD.SM7.0150
FDS7064051021SD6L	51	2"	51.00	48.60	64.00	1.60	21.50	0.06	FRD.SM7.0200
FDS7077064021SD6L	63.5	2½"	63.50	60.30	77.50	1.90	21.50	0.10	FRD.SM7.0250
FDS7091076021SD6L	76.1	3"	76.10	72.90	91.00	1.90	21.50	0.12	FRD.SM7.0300
FDS7106089021SD6L	88.9	3½"	88.90	84.90	106.00	2.45	21.50	0.21	FRD.SM7.0350
FDS7119102021SD6L	101.6	4"	101.60	97.60	119.00	2.45	21.50	0.21	FRD.SM7.0400

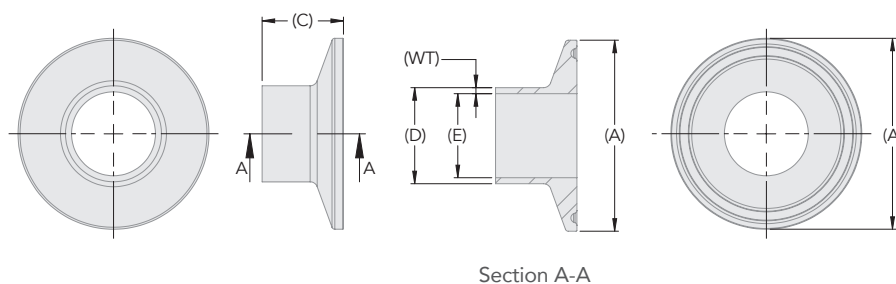


2.10

ACL® SWG Ferrules

 Material
1.4404


Type B – 50.5mm to 119.0mm Flange



Section A-A

SWG Ferrules

Part Number	Size		Dimension (mm)					Weight (kg)	Legacy Part Number
	Metric (mm)	Imperial (inches)	OD (D)	ID (E)	Flange (A)	Wall (WT)	Length (C)		
FDS1050025021S56L	25.4	1"	25.40	22.10	50.50	1.65	21.50	0.07	FRD.SW.0100
FDS1050038021S56L	38.1	1½"	38.10	34.80	50.50	1.65	21.50	6.00	FRD.SW.0150
FDS1064051021SD6L	51	2"	50.80	47.50	64.00	1.65	21.50	0.08	FRD.SW.0200
FDS1077063021SD6L	63.5	2½"	63.50	60.20	77.50	1.65	21.50	0.10	FRD.SW.0250
FDS1091076021SD6L	76.1	3"	76.20	72.90	91.00	1.65	21.50	0.13	FRD.SW.0300
FDS1119101021SD6L	101.6	4"	101.60	97.40	119.00	2.10	21.50	0.21	FRD.SW.0400

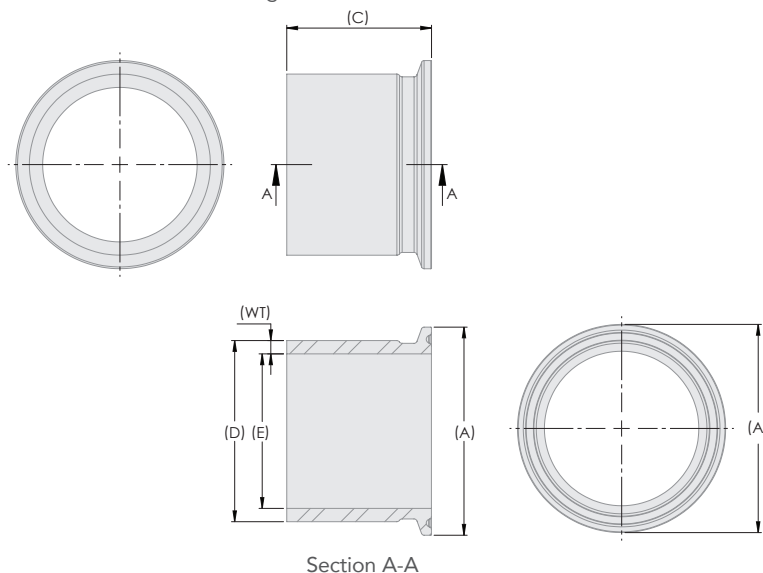


2.11

ACL® MPW Tank Ferrules

Material
1.4404


Type B – 50.5mm to 217.40mm Flange



MPW Tank Ferrules

Part Number	Size	Dimension (mm)						Legacy Part Number
	Imperial	OD (D)	ID (E)	Flange (A)	Wall (WT)	Neck (S)	Length (C)	
FDM1050029041SD6L	1"	29.46	22.10	50.50	3.68	24.96	41.30	FRD.MPW.0100
FDM1050042041SD6L	1½"	42.57	34.80	50.50	3.89	40.50	41.30	FRD.MPW.0150
FDM1064055044SD6L	2"	55.68	47.50	64.00	4.09	54.00	44.50	FRD.MPW.0200
FDM1077068044SD6L	2½"	68.78	60.20	77.50	4.29	67.50	44.50	FRD.MPW.0250
FDM1091081046SD6L	3"	81.89	72.90	91.00	4.50	81.00	46.00	FRD.MPW.0300
FDM1119108054SD6L	4"	108.10	97.38	119.00	5.36	105.00	54.00	FRD.MPW.0400
FDM1167157063SD6L	6"	157.28	146.25	167.00	5.52	155.00	63.50	FRD.MPW.0600
FDM1217208063SD6L	8"	208.08	197.08	217.40	5.52	205.00	63.50	FRD.MPW.0800

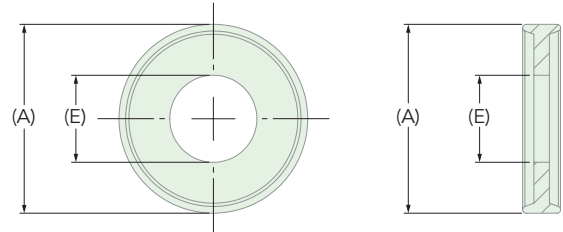


3.1

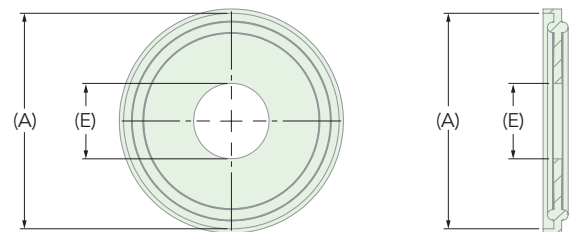
ACL® BS 4825 Gaskets



Gasket configurations for all 25.0mm flange sizes



Gasket configurations for all flange sizes except 25.0mm



BS4825 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDULB4025127	½"	9.52	22.0*	GK.BS.0050
GDULB4025195	¾"	15.87	22.0*	GK.BS.0075
GDLPB4050025	1"	22.20	50.50	GK.BS.0100
GDLPB4050038	1½"	34.90	50.50	GK.BS.0150
GDLPB4064051	2"	47.60	64.00	GK.BS.0200
GDLPB4077063	2½"	60.30	77.50	GK.BS.0250
GDLPB4091076	3"	73.00	91.00	GK.BS.0300
GDLPB4106089	3½"	84.70	106.00	GK.BS.0350
GDLPB4119101	4"	97.60	119.00	GK.BS.0400
GDLPB4130114	4½"	110.30	130.00	GK.BS.0450
GDLPB4144127	5"	123.00	144.00	GK.BS.0500
GDLPB4155140	5½"	135.76	155.00	GK.BS.0550
GDLPB4167154	6"	150.00	167.00	GK.BS.0600
GDLPB4183169	6⅝"	163.10	183.00	GK.BS.0658
GDLPB4217204	8"	200.00	217.40	GK.BS.0800
GDLPB4233220	8⅝"	213.90	233.50	GK.BS.0858
GDLPB4268254	10"	250.00	268.00	GK.BS.1000
GDLPB4286273	10⅝"	266.30	286.10	GK.BS.1058
GDLPB4319304	12"	300.80	319.00	GK.BS.1200
GDLPB4338324	12⅝"	315.90	338.00	GK.BS.1258

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

4" Gasket	Material
GDLPB4119101	EPDM Blue
Order code = GDLPB4119101EU	

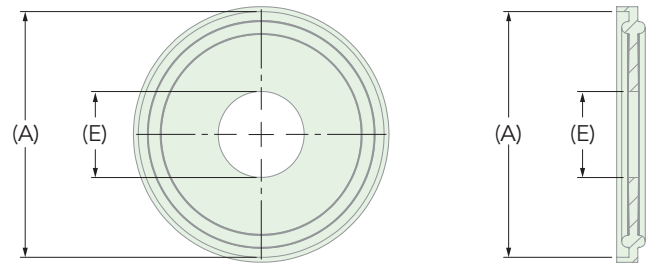


3.2

ACL® BS Schedule 5 Gaskets



Gasket configurations for all flange sizes except 25.0mm



BS Schedule 5 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDLPB1050021	½"	18.03	50.50	GK.BS05.0050
GDLPB1064026	¾"	23.37	50.50	GK.BS05.0075
GDLPB1077033	1"	30.10	50.50	GK.BS05.0100
GDLPB1064042	1¼"	38.86	64.00	GK.BS05.0125
GDLPB1064048	1½"	44.96	64.00	GK.BS05.0150
GDLPB1091060	2"	57.02	77.50	GK.BS05.0200
GDLPB1091073	2½"	68.81	91.00	GK.BS05.0250
GDLPB1106089	3"	84.68	106.00	GK.BS05.0300
GDLPB1119101	3½"	97.38	119.00	GK.BS05.0350
GDLPB1130114	4"	110.08	130.00	GK.BS05.0400
GDLPB1155141	5"	135.76	155.00	GK.BS05.0500
GDLPB1183168	6"	162.74	183.00	GK.BS05.0600
GDLPB1233219	8"	213.54	233.50	GK.BS05.0800
GDLPB1286273	10"	266.25	286.10	GK.BS05.1000
GDLPB1338324	12"	315.93	338.00	GK.BS05.1200

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

4" Gasket	Material
GDLPB1130114	EPDM Blue
Order code = GDLPB1130114EU	

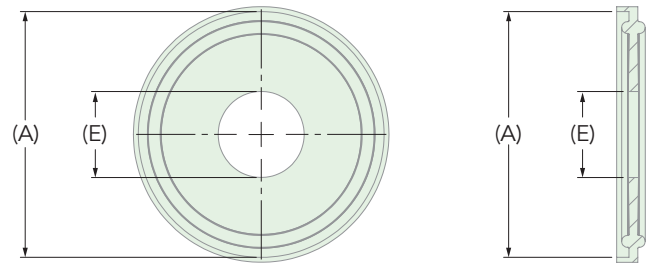


3.3

ACL® BS Schedule 10 Gaskets



Gasket configurations for all flange sizes except 25.0mm



BS Schedule 10 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDLPB2050021	½"	17.10	50.50	GK.BS10.0050
GDLPB2050026	¾"	22.45	50.50	GK.BS10.0075
GDLPB2050033	1"	27.86	50.50	GK.BS10.0100
GDLPB2064042	1¼"	36.62	64.00	GK.BS10.0125
GDLPB2064048	1½"	42.72	64.00	GK.BS10.0150
GDLPB2077060	2"	54.79	77.50	GK.BS10.0200
GDLPB2091073	2½"	66.93	91.00	GK.BS10.0250
GDLPB2106089	3"	82.80	106.00	GK.BS10.0300
GDLPB2119101	3½"	95.50	119.00	GK.BS10.0350
GDLPB2130114	4"	108.20	130.00	GK.BS10.0400
GDLPB2155141	5"	134.50	155.00	GK.BS10.0500
GDLPB2183168	6"	161.47	183.00	GK.BS10.0600
GDLPB2233219	8"	211.56	233.50	GK.BS10.0800
GDLPB2286273	10"	264.67	286.10	GK.BS10.1000
GDLPB2338324	12"	314.71	338.00	GK.BS10.1200

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

4" Gasket	Material
GDLPB2130114	EPDM Blue
Order code = GDLPB2130114EU	

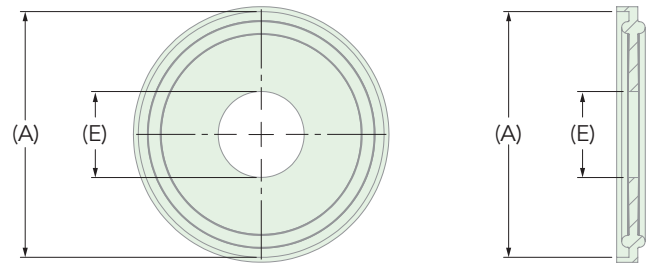


3.4

ACL® BS Schedule 40 Gaskets



Gasket configurations for all flange sizes except 25.0mm



BS Schedule 40 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDLPB3050021	½"	15.80	50.50	GK.BS40.0050
GDLPB3050026	¾"	20.93	50.50	GK.BS40.0075
GDLPB3050033	1"	26.64	50.50	GK.BS40.0100
GDLPB3064042	1¼"	35.04	64.00	GK.BS40.0125
GDLPB3064048	1½"	40.88	64.00	GK.BS40.0150
GDLPB3077060	2"	52.51	77.50	GK.BS40.0200
GDLPB3091073	2½"	62.71	91.00	GK.BS40.0250
GDLPB3106089	3"	77.92	106.00	GK.BS40.0300
GDLPB3119101	3½"	90.12	119.00	GK.BS40.0350
GDLPB3130114	4"	102.26	130.00	GK.BS40.0400
GDLPB3155141	5"	128.20	155.00	GK.BS40.0500
GDLPB3183168	6"	154.06	183.00	GK.BS40.0600
GDLPB3233219	8"	202.72	233.50	GK.BS40.0800
GDLPB3286273	10"	254.51	286.10	GK.BS40.1000
GDLPB3338324	12"	304.79	338.00	GK.BS40.1200

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

4" Gasket	Material
GDLPB3130114	EPDM Blue
Order code = GDLPB3130114EU	

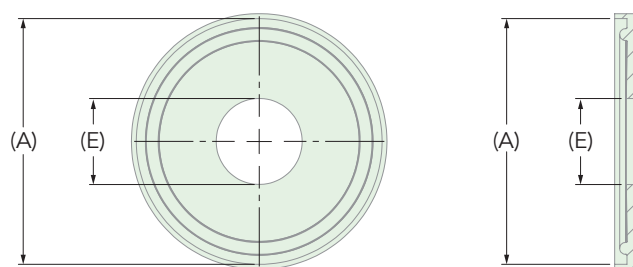


3.5

ACL® DIN 32676 Gaskets



Gasket configurations for all flange sizes except 25.0mm



DIN 32676 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Metric	ID (E)	Flange (A)	
GDLPD2034013	DN 10	10.00	34.00	GK.DN.010
GDLPD2034019	DN 15	16.00	34.00	GK.DN.015
GDLPD2034023	DN 20	20.00	34.00	GK.DN.020
GDLPD2050029	DN 25	26.00	50.50	GK.DN.025
GDLPD2050035	DN 32	32.00	50.50	GK.DN.032
GDLPD2050041	DN 40	38.00	50.50	GK.DN.040
GDLPD2064053	DN 50	50.00	64.00	GK.DN.050
GDLPD2091070	DN 65	66.00	91.00	GK.DN.065
GDLPD2106085	DN 80	81.00	106.00	GK.DN.080
GDLPD2119104	DN 100	100.00	119.00	GK.DN.100
GDLPD2155129	DN 125	125.00	155.00	GK.DN.125
GDLPD2183154	DN 150	150.00	183.00	GK.DN.150
GDLPD2233204	DN 200	200.00	233.50	GK.DN.200
GDLPD2144127	DN 125	125.00	144.40	GK.DNX.125
GDLPD2167154	DN 150	150.00	167.00	GK.DNX.150
GDLPD2217204	DN 200	200.00	217.40	GK.DNX.200
GDLPD2268254	DN 250	250.00	268.00	GK.DNX.250
GDLPD2319304	DN 300	300.00	319.00	GK.DNX.300

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

DIN 50 Gasket	Material
GDLPD2064053	EPDM Blue
Order code = GDLPD2064053EU	



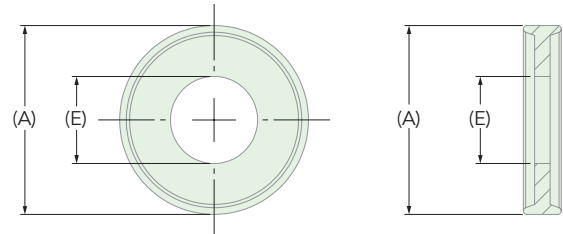
3.6.1

ACL® ISO 1127 Gaskets

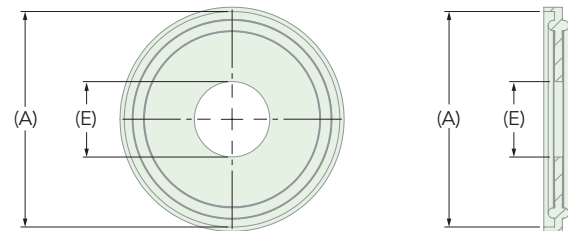
Standard



Gasket configurations for all 25.0mm flange sizes



Gasket configurations for all flange sizes except 25.0mm



ISO 1127 Gaskets – Standard

Part Number	Size	Dimension (mm)		Legacy Part Number
	ISO	ID (E)	Flange (A)	
GDULI7025013	DN 8	10.30	22.00	GK.IS1.D008
GPULI7025017	DN 10	14.00	22.00	GK.IS1.D010
GPLPI7050021	DN 15	18.10	50.50	GK.IS1.D015
GPLPI7050026	DN 20	22.90	50.50	GK.IS1.D020
GPLPI7050033	DN 25	29.70	50.50	GK.IS1.D025
GPLPI7064042	DN 32	38.40	64.00	GK.IS1.D032
GPLPI7064048	DN 40	44.30	64.00	GK.IS1.D040
GPLPI7077060	DN 50	56.30	77.50	GK.IS1.D050
GPLPI7091076	DN 65	72.10	91.00	GK.IS1.D065
GPLPI7106089	DN 80	84.90	106.00	GK.IS1.D080
GPLPI7130114	DN 100	110.30	130.00	GK.IS1.D100
GPLPI7155140	DN 125	135.70	155.00	GK.IS1.D125
GDLPI7183169	DN 150	163.10	183.00	GK.IS1.D150
GDLPI7233220	DN 200	213.90	233.50	GK.IS1.D200
GDLPI7286273	DN 250	267.80	286.10	GK.IS1.D250
GPLPI7338324	DN 300	318.70	338.50	GK.IS1.D300

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

ISO 50 Gasket	Material
GPLPI7077060	EPDM Blue
Order code = GPLPI7077060EU	



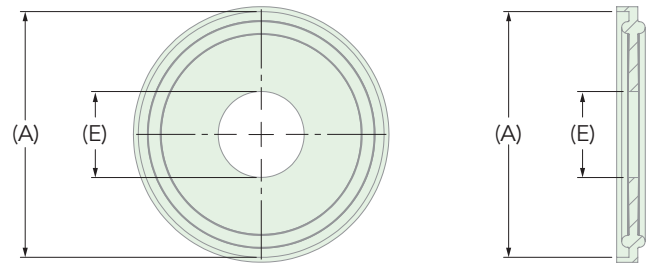
3.6.2

ACL® ISO 1127 Gaskets

Variations



Gasket configurations for all flange sizes except 25.0mm



ISO 1127 Gaskets – Variations

Part Number	Size	Dimension (mm)		Legacy Part Number
	ISO	ID (E)	Flange (A)	
GPLPI8034013	DN 8	10.30	34.00	<i>GK.IS1X.D008.A</i>
GPLPI8050013	DN 8	10.30	50.50	<i>GK.IS1X.D008.B</i>
GPLPI8034017	DN 10	14.00	34.00	<i>GK.IS1X.D010.A</i>
GPLPI8050017	DN 10	14.00	50.50	<i>GK.IS1X.D010.B</i>
GDLPI8034021	DN 15	18.10	34.00	<i>GK.IS1X.D015.A</i>
GDLPI8050026	DN 20	23.70	50.50	<i>GK.IS1X.D020.B</i>
GDLPI8050033	DN 25	30.50	50.50	<i>GK.IS1X.D025.A</i>
GDLPI8050034	DN 25	31.30	50.50	<i>GK.IS1X.D025.B</i>
GPLPI8091076	DN 65	72.90	91.00	<i>GK.IS1X.D065.A</i>

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

ISO 20 Gasket	Material
GDLPI8050026	EPDM Blue
Order code = GDLPI8050026EU	



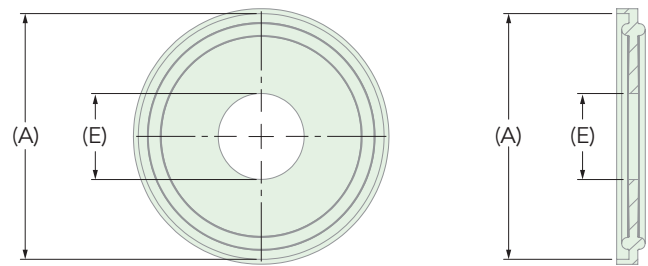
3.7

ACL® ISO 2037 Gaskets

Series 1 & 2



Gasket configurations for all flange sizes except 25.0mm



ISO 2037 Series 1 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Metric	ID (E)	Flange (A)	
GDLPI2050195	20	17.60	50.50	GK.IS21.M020
GDLPI2050025	25	22.60	50.50	GK.IS21.M025
GDLPI2050038	38	35.60	50.50	GK.IS21.M038
GDLPI2050041	40	37.60	50.50	GK.IS21.M040
GDLPI2064051	51	48.60	64.00	GK.IS21.M051

ISO 2037 Series 2 Gaskets

Part Number	Size	Dimension (mm)		Legacy Part Number
	Metric	ID (E)	Flange (A)	
GDLPI3050025	25	21.80	50.50	GK.IS22.M025
GDLPI3050038	38	34.80	50.50	GK.IS22.M038
GDLPI3050041	40	36.80	50.50	GK.IS22.M040
GDLPI3064051	51	47.80	64.00	GK.IS22.M051
GDLPI3077063	63.5	60.30	77.50	GK.IS22.M063
GDLPI3091070	70	66.80	91.00	GK.IS22.M070
GDLPI3119101	101.6	97.60	119.00	GK.IS22.M101

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Ordering Code Example

ISO 40 Gasket	Material
GDLPI3050041	EPDM Blue
Order code = GDLPI3050041EU	



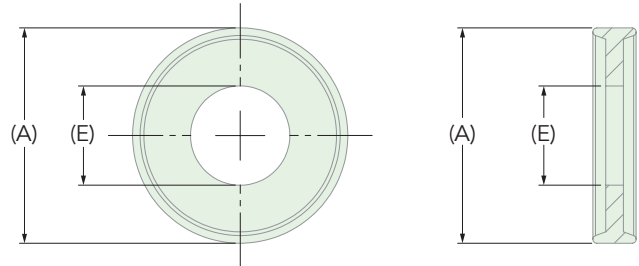
3.8

ACL® Mini Series Gaskets

Metric & Imperial



Gasket configurations for all 25.0mm flange sizes



Mini Series Gaskets – Metric

Part Number	Size	Dimension (mm)			Legacy Part Number
	Metric	Actual ID (V)	ID (E)	Flange (A)	
GDULM2025006	4	6.32	4.00	22.00	GK.MS.04
GDULM2025008	6	7.32	6.00	22.00	GK.MS.06
GDULM2025010	8	9.54	8.00	22.00	GK.MS.08
GDULM2025012	10	11.32	10.00	22.00	GK.MS.10
GDULM2025014	12	13.34	12.00	22.00	GK.MS.12
GDULM2025016	14	15.61	16.00	22.00	GK.MS.14
GDULM2025018	16	16.49	16.00	22.00	GK.MS.16

Gasket Material Codes

Material Type	Ordering Code
EPDM Blue	EU
EPDM Black	EK
Silicone White	SW
Silicone Translucent	ST
FKM Green	VG
FKM Black	VB
PTFE Solid	PS
PTFE Envelope (Viton®)	PE
PTFE Envelope (EPDM)	PZ
Nitrile	NT

Mini Series Gaskets – Imperial

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	Actual ID (V)	ID (E)	Flange (A)	
GDULM2025635	¼"	6.32	4.57	22.00	GK.MSI.025
GDULM2025952	⅜"	9.54	7.71	22.00	GK.MSI.038
GDULM2025127	½"	11.21	9.52	22.00	GK.MSI.050
GDULM2025195	¾"	16.49	15.87	22.00	GK.MSI.075

Ordering Code Example

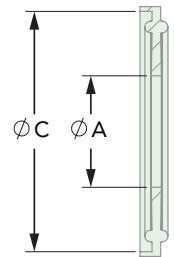
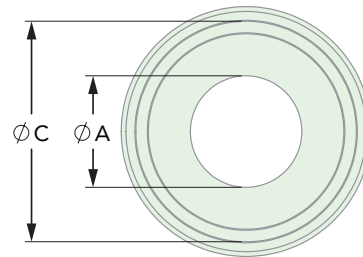
Metric 10 Gasket	Material
GDULM2025012	EPDM Blue
Order code = GDULM2025012EU	



3.9

ACL[®] Metal Detectable Gaskets

EPDM Blue / EPDM Black



BS 4825 Part 3 Metal Detectable Gaskets Range - EPDM Blue

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDLPB4050025UX	1"	22.20	50.50	GK.BSM.0100
GDLPB4050038UX	1½"	34.90	50.50	GK.BSM.0150
GDLPB4064051UX	2"	47.60	64.00	GK.BSM.0200
GDLPB4077063UX	2½"	60.30	77.50	GK.BSM.0250
GDLPB4091076UX	3"	73.00	91.00	GK.BSM.0300
GDLPB4119101UX	4"	97.60	119.00	GK.BSM.0400

BS 4825 Part 3 Metal Detectable Gaskets Range - EPDM Black

Part Number	Size	Dimension (mm)		Legacy Part Number
	Imperial	ID (E)	Flange (A)	
GDLPB4050025EX	1"	22.20	50.50	GK.BSM.0100
GDLPB4050038EX	1½"	34.90	50.50	GK.BSM.0150
GDLPB4064051EX	2"	47.60	64.00	GK.BSM.0200
GDLPB4077063EX	2½"	60.30	77.50	GK.BSM.0250
GDLPB4091076EX	3"	73.00	91.00	GK.BSM.0300
GDLPB4119101EX	4"	97.60	119.00	GK.BSM.0400



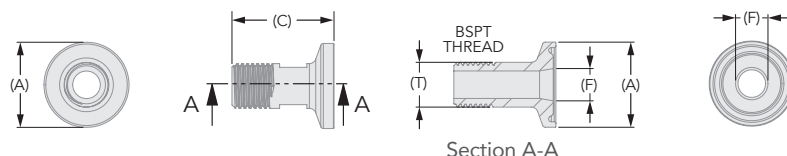
4.1.1

ACL® BSP Male Adaptors

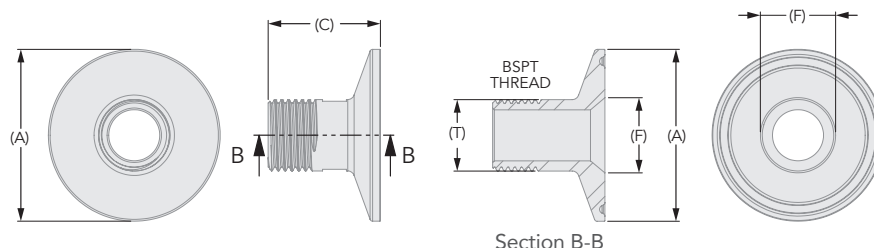
Imperial

Material
1.4404

Type A – 25.0mm Flange



Type B – 50.5mm to 64.0mm Flange

**BSP Male Adaptors – Imperial**

Part Number	Ferrule – BSPM Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADMB127317006L	1/2"	1/8"	25.00	9.50	30.00	0.03	AMD.050.018
ADADMB127635006L		1/4"	25.00	9.50	30.00	0.03	AMD.050.025
ADADMB127952006L		3/8"	25.00	9.50	30.00	0.04	AMD.050.038
ADADMB127127006L		1/2"	25.00	9.50	32.00	0.06	AMD.050.050
ADADMB127195006L		3/4"	25.00	9.50	35.00	0.09	AMD.050.075
ADADMB195317006L	3/4"	1/8"	25.00	15.85	30.00	0.02	AMD.075.018
ADADMB195635006L		1/4"	25.00	15.85	30.00	0.02	AMD.075.025
ADADMB195952006L		3/8"	25.00	15.85	30.00	0.04	AMD.075.038
ADADMB195127006L		1/2"	25.00	15.85	32.00	0.03	AMD.075.050
ADADMB195195006L		3/4"	25.00	15.85	35.00	0.08	AMD.075.075
ADADMB025317006L	1"	1/8"	50.50	22.20	30.00	0.09	AMD.100.018
ADADMB025635006L		1/4"	50.50	22.20	30.00	0.09	AMD.100.025
ADADMB025952006L		3/8"	50.50	22.20	30.00	0.10	AMD.100.038
ADADMB025127006L		1/2"	50.50	22.20	35.00	0.10	AMD.100.050
ADADMB025195006L		3/4"	50.50	22.20	35.00	0.11	AMD.100.075
ADADMB025025006L		1"	50.50	22.20	35.00	0.19	AMD.100.100
ADADMB038317006L	1 1/2"	1/8"	50.50	34.90	35.00	0.07	AMD.150.018
ADADMB038635006L		1/4"	50.50	34.90	35.00	0.07	AMD.150.025
ADADMB038952006L		3/8"	50.50	34.90	35.00	0.07	AMD.150.038
ADADMB038127006L		1/2"	50.50	34.90	35.00	0.09	AMD.150.050
ADADMB038195006L		3/4"	50.50	34.90	35.00	0.10	AMD.150.075
ADADMB038025006L		1"	50.50	34.90	35.00	0.12	AMD.150.100
ADADMB051127006L	2"	1/2"	64.00	47.60	40.00	0.16	AMD.200.050
ADADMB051195006L		3/4"	64.00	47.60	40.00	0.17	AMD.200.075
ADADMB051025006L		1"	64.00	47.60	40.00	0.18	AMD.200.100
ADADMB051038006L		1 1/2"	64.00	47.60	40.00	0.19	AMD.200.150
ADADMB051051006L		2"	64.00	47.60	40.00	0.20	AMD.200.200



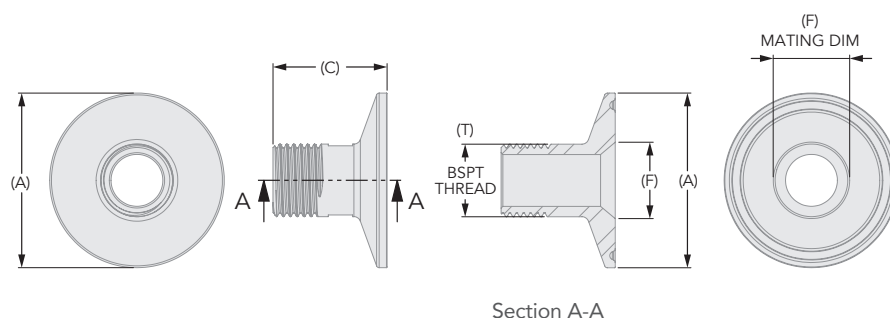
4.1.2

ACL® BSP Male Adaptors

Metric

Material
1.4404

Type B – 34.0mm Flange

**BSP Male Adaptors – Metric**

Part Number	Ferrule – BSPM Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADMB013635006L	DN 10	1/4"	34.00	10.00	30.00	0.05	AMD.D10.025
ADADMB013952006L		3/8"	34.00	10.00	30.00	0.06	AMD.D10.038
ADADMB013127006L		1/2"	34.00	10.00	30.00	0.07	AMD.D10.050
ADADMB013195006L		3/4"	34.00	10.00	30.00	0.07	AMD.D10.075
ADADMB019635006L	DN 15	1/4"	34.00	16.00	30.00	0.05	AMD.D15.025
ADADMB019127006L		3/8"	34.00	16.00	30.00	0.06	AMD.D15.038
ADADMB019195006L		1/2"	34.00	16.00	30.00	0.07	AMD.D15.050
ADADMB023635006L		3/4"	34.00	16.00	30.00	0.08	AMD.D15.075
ADADMB023952006L	DN 20	1/4"	34.00	20.00	30.00	0.05	AMD.D20.025
ADADMB023127006L		3/8"	34.00	20.00	30.00	0.05	AMD.D20.038
ADADMB023195006L		1/2"	34.00	20.00	30.00	0.06	AMD.D20.050
ADADMB023025006L		3/4"	34.00	20.00	30.00	0.07	AMD.D20.075



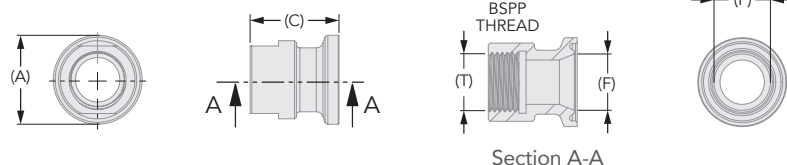
4.1.3

ACL® BSP Female Adaptors

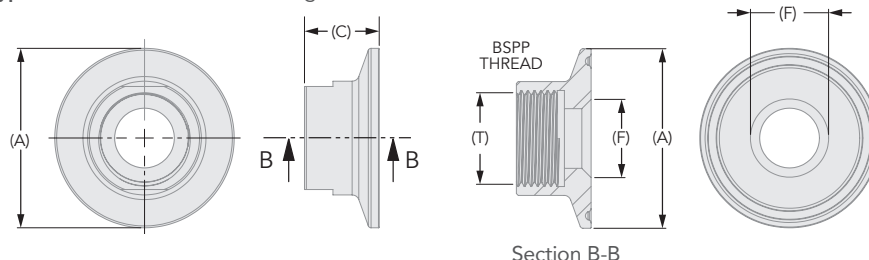
Imperial

Material
1.4404

Type A – 25.0mm Flange



Type B – 50.5mm to 64.0mm Flange

**BSP Female Adaptors – Imperial**

Part Number	Ferrule – BSPP Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADFB127317006L	1/2"	1/8"	25.00	9.50	25.00	0.05	AFD.050.018
ADADFB127635006L		1/4"	25.00	9.50	25.00	0.05	AFD.050.025
ADADFB127952006L		3/8"	25.00	9.50	25.00	0.06	AFD.050.038
ADADFB127127006L		1/2"	25.00	9.50	30.00	0.06	AFD.050.050
ADADFB127195006L		3/4"	25.00	9.50	30.00	0.07	AFD.050.075
ADADFB195317006L	3/4"	1/8"	25.00	15.85	25.00	0.05	AFD.075.018
ADADFB195635006L		1/4"	25.00	15.85	25.00	0.05	AFD.075.025
ADADFB195952006L		3/8"	25.00	15.85	25.00	0.06	AFD.075.038
ADADFB195127006L		1/2"	25.00	15.85	30.00	0.06	AFD.075.050
ADADFB195195006L		3/4"	25.00	15.85	30.00	0.06	AFD.075.075
ADADFB025317006L	1"	1/8"	50.50	22.20	25.00	0.14	AFD.100.018
ADADFB025635006L		1/4"	50.50	22.20	25.00	0.12	AFD.100.025
ADADFB025952006L		3/8"	50.50	22.20	25.00	0.11	AFD.100.038
ADADFB025127006L		1/2"	50.50	22.20	25.00	0.11	AFD.100.050
ADADFB025195006L		3/4"	50.50	22.20	25.00	0.10	AFD.100.075
ADADFB025025006L		1"	50.50	22.20	25.00	0.11	AFD.100.100
ADADFB038317006L	1 1/2"	1/8"	50.50	34.90	25.00	0.11	AFD.150.018
ADADFB038635006L		1/4"	50.50	34.90	25.00	0.11	AFD.150.025
ADADFB038952006L		3/8"	50.50	34.90	25.00	0.09	AFD.150.038
ADADFB038127006L		1/2"	50.50	34.90	25.00	0.09	AFD.150.050
ADADFB038195006L		3/4"	50.50	34.90	25.00	0.09	AFD.150.075
ADADFB038025006L		1"	50.50	34.90	25.00	0.10	AFD.150.100
ADADFB051127006L	2"	1/2"	64.00	47.60	25.00	0.14	AFD.200.050
ADADFB051195006L		3/4"	64.00	47.60	25.00	0.14	AFD.200.075
ADADFB051025006L		1"	64.00	47.60	25.00	0.13	AFD.200.100
ADADFB051038006L		1 1/2"	64.00	47.60	25.00	0.13	AFD.200.150
ADADFB051051006L		2"	64.00	47.60	25.00	0.13	AFD.200.200



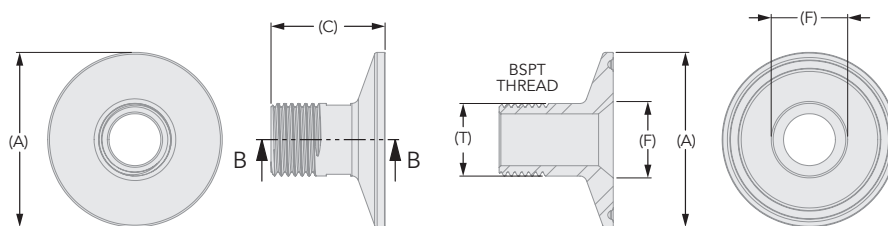
4.1.4

ACL® BSP Female Adaptors

Metric

Material
1.4404

Type B – 34.0mm Flange



Section B-B

BSP Female Adaptors – Metric

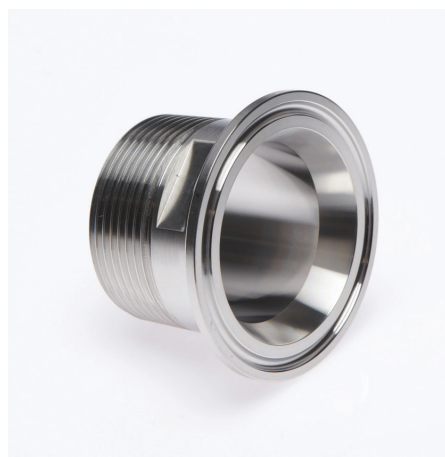
Part Number	Ferrule – BSPF Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADFB013635006L	DN 10	¼"	34.00	10.00	25.00	0.08	AFD.D10.025
ADADFB013952006L		⅜"	34.00	10.00	25.00	0.08	AFD.D10.038
ADADFB013127006L		½"	34.00	10.00	30.00	0.07	AFD.D10.050
ADADFB013195006L		¾"	34.00	10.00	30.00	0.07	AFD.D10.075
ADADFB019635006L	DN 15	¼"	34.00	16.00	25.00	0.07	AFD.D15.025
ADADFB019127006L		⅜"	34.00	16.00	25.00	0.07	AFD.D15.038
ADADFB019195006L		½"	34.00	16.00	30.00	0.06	AFD.D15.050
ADADFB023635006L		¾"	34.00	16.00	30.00	0.06	AFD.D15.075
ADADFB023952006L	DN 20	¼"	34.00	20.00	25.00	0.07	AFD.D20.025
ADADFB023127006L		⅜"	34.00	20.00	25.00	0.07	AFD.D20.038
ADADFB023195006L		½"	34.00	20.00	30.00	0.06	AFD.D20.050
ADADFB023025006L		¾"	34.00	20.00	30.00	0.06	AFD.D20.075



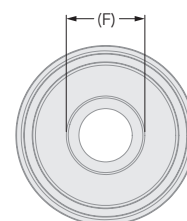
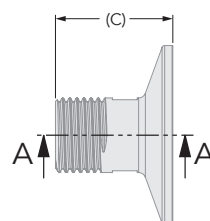
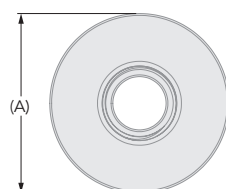
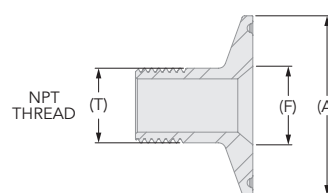
4.2.1

ACL® NPT Male Adaptors

Imperial

Material
1.4404

Type A – 25.0mm Flange

Type B – 50.5mm to
338.0mm Flange

Section A-A

NPT Male Adaptors – Imperial

Part Number	Ferrule – NPTM Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADMN127317006L	1/2"	1/8"	25.40	10.00	30.00	0.03	AMD.NPT.050.018
ADADMN127635006L		1/4"	25.40	10.00	30.00	0.03	AMD.NPT.050.025
ADADMN127952006L		3/8"	25.40	10.00	30.00	0.04	AMD.NPT.050.038
ADADMN127127006L		1/2"	25.40	10.00	32.00	0.06	AMD.NPT.050.050
ADADMN127195006L		3/4"	25.40	10.00	35.00	0.09	AMD.NPT.050.075
ADADMN195317006L	3/4"	1/8"	25.40	16.00	30.00	0.02	AMD.NPT.075.018
ADADMN195635006L		1/4"	25.40	16.00	30.00	0.02	AMD.NPT.075.025
ADADMN195952006L		3/8"	25.40	16.00	30.00	0.04	AMD.NPT.075.038
ADADMN195127006L		1/2"	25.40	16.00	32.00	0.03	AMD.NPT.075.050
ADADMN195195006L		3/4"	25.40	16.00	35.00	0.08	AMD.NPT.075.075
ADADMN025317006L	1"	1/8"	50.50	22.00	30.00	0.09	AMD.NPT.100.018
ADADMN025635006L		1/4"	50.50	22.00	30.00	0.09	AMD.NPT.100.025
ADADMN025952006L		3/8"	50.50	22.00	30.00	0.10	AMD.NPT.100.038
ADADMN025127006L		1/2"	50.50	22.00	35.00	0.10	AMD.NPT.100.050
ADADMN025195006L		3/4"	50.50	22.00	35.00	0.11	AMD.NPT.100.075
ADADMN025025006L		1"	50.50	22.00	35.00	0.19	AMD.NPT.100.100
ADADMN038317006L	1 1/2"	1/8"	50.50	35.00	35.00	0.07	AMD.NPT.150.018
ADADMN038635006L		1/4"	50.50	35.00	35.00	0.07	AMD.NPT.150.025
ADADMN038952006L		3/8"	50.50	35.00	35.00	0.07	AMD.NPT.150.038
ADADMN038127006L		1/2"	50.50	35.00	35.00	0.09	AMD.NPT.150.050
ADADMN038195006L		3/4"	50.50	35.00	35.00	0.10	AMD.NPT.150.075
ADADMN038025006L		1"	50.50	35.00	35.00	0.12	AMD.NPT.150.100
ADADMN051127006L	2"	1/2"	64.00	47.60	40.00	0.16	AMD.NPT.200.050
ADADMN051195006L		3/4"	64.00	47.60	40.00	0.17	AMD.NPT.200.075
ADADMN051025006L		1"	64.00	47.60	40.00	0.18	AMD.NPT.200.100
ADADMN051038006L		1 1/2"	64.00	47.60	40.00	0.19	AMD.NPT.200.150
ADADMN051051006L		2"	64.00	47.60	40.00	0.20	AMD.NPT.200.200



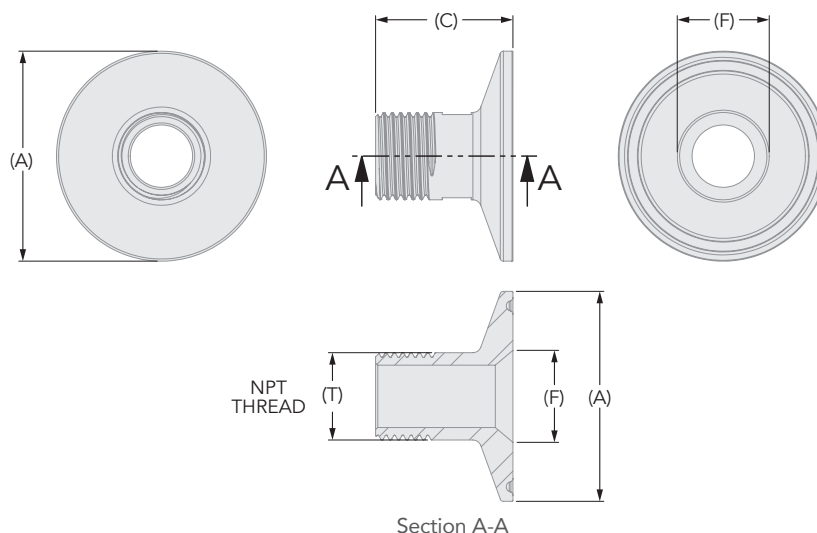
4.2.2

ACL[®] NPT Male Adaptors

Metric

Material
1.4404

Type B – 34.0mm Flange

**NPT Male Adaptors – Metric**

Part Number	Ferrule – NPTM Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADMN013635006L	DN 10	1/4"	34.00	10.00	30.00	0.05	AMD.NPT.D10.025
ADADMN013952006L		3/8"	34.00	10.00	30.00	0.06	AMD.NPT.D10.038
ADADMN013127006L		1/2"	34.00	10.00	30.00	0.07	AMD.NPT.D10.050
ADADMN013195006L		3/4"	34.00	10.00	30.00	0.08	AMD.NPT.D10.075
ADADMN019635006L	DN 15	1/4"	34.00	16.00	30.00	0.05	AMD.NPT.D15.025
ADADMN019127006L		3/8"	34.00	16.00	30.00	0.06	AMD.NPT.D15.038
ADADMN019195006L		1/2"	34.00	16.00	30.00	0.07	AMD.NPT.D15.050
ADADMN023635006L		3/4"	34.00	16.00	30.00	0.08	AMD.NPT.D15.075
ADADMN023952006L	DN 20	1/4"	34.00	20.00	30.00	0.05	AMD.NPT.D20.025
ADADMN023127006L		3/8"	34.00	20.00	30.00	0.05	AMD.NPT.D20.038
ADADMN023195006L		1/2"	34.00	20.00	30.00	0.06	AMD.NPT.D20.050
ADADMN023025006L		3/4"	34.00	20.00	30.00	0.07	AMD.NPT.D20.075



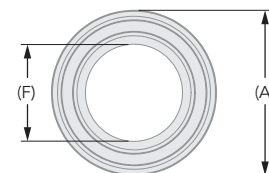
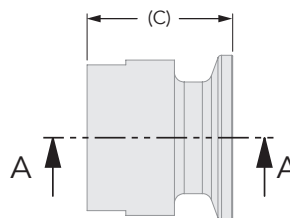
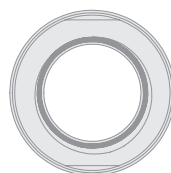
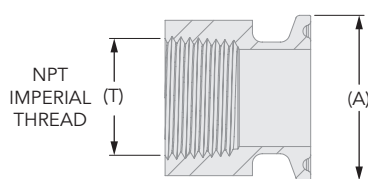
4.2.3

ACL® NPT Female Adaptors

Imperial

Material
1.4404

Type A – 25.0mm Flange

Type B – 50.5mm to
338.0mm Flange

Section A-A

NPT Female Adaptors – Imperial

Part Number	Ferrule – NPTF Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADFN127317006L	1/2"	1/8"	25.00	10.00	25.00	0.05	AFD.NPT.050.018
ADADFN127635006L		1/4"	25.00	10.00	25.00	0.05	AFD.NPT.050.025
ADADFN127952006L		3/8"	25.00	10.00	25.00	0.06	AFD.NPT.050.038
ADADFN127127006L		1/2"	25.00	10.00	30.00	0.06	AFD.NPT.050.050
ADADFN127195006L		3/4"	25.00	10.00	30.00	0.07	AFD.NPT.050.075
ADADFN195317006L	3/4"	1/8"	25.00	16.00	25.00	0.05	AFD.NPT.075.018
ADADFN195635006L		1/4"	25.00	16.00	25.00	0.05	AFD.NPT.075.025
ADADFN195952006L		3/8"	25.00	16.00	25.00	0.06	AFD.NPT.075.038
ADADFN195127006L		1/2"	25.00	16.00	30.00	0.06	AFD.NPT.075.050
ADADFN195195006L		3/4"	25.00	16.00	30.00	0.06	AFD.NPT.075.075
ADADFN025317006L	1"	1/8"	50.50	22.00	25.00	0.14	AFD.NPT.100.018
ADADFN025635006L		1/4"	50.50	22.00	25.00	0.12	AFD.NPT.100.025
ADADFN025952006L		3/8"	50.50	22.00	25.00	0.11	AFD.NPT.100.038
ADADFN025127006L		1/2"	50.50	22.00	25.00	0.11	AFD.NPT.100.050
ADADFN025195006L		3/4"	50.50	22.00	25.00	0.10	AFD.NPT.100.075
ADADFN025025006L		1"	50.50	22.00	25.00	0.11	AFD.NPT.100.100
ADADFN038317006L	1 1/2"	1/8"	50.50	35.00	25.00	0.11	AFD.NPT.150.018
ADADFN038635006L		1/4"	50.50	35.00	25.00	0.11	AFD.NPT.150.025
ADADFN038952006L		3/8"	50.50	35.00	25.00	0.09	AFD.NPT.150.038
ADADFN038127006L		1/2"	50.50	35.00	25.00	0.09	AFD.NPT.150.050
ADADFN038195006L		3/4"	50.50	35.00	25.00	0.09	AFD.NPT.150.075
ADADFN038025006L		1"	50.50	35.00	25.00	0.10	AFD.NPT.150.100
ADADFN051127006L	2"	1/2"	64.00	47.60	25.00	0.14	AFD.NPT.200.050
ADADFN051195006L		3/4"	64.00	47.60	25.00	0.14	AFD.NPT.200.075
ADADFN051025006L		1"	64.00	47.60	25.00	0.13	AFD.NPT.200.100
ADADFN051038006L		1 1/2"	64.00	47.60	25.00	0.13	AFD.NPT.200.150
ADADFN051051006L		2"	64.00	47.60	25.00	0.13	AFD.NPT.200.200



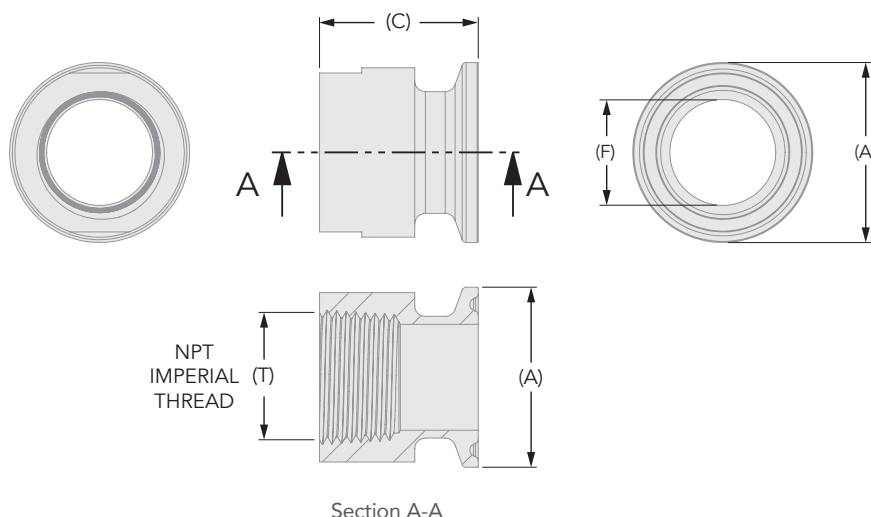
4.2.4

ACL[®] NPT Female Adaptors

Metric

Material
1.4404


Type B – 34.0mm Flange



NPT Female Adaptors – Metric

Part Number	Ferrule – NPTM Size		Dimension (mm)			Weight (kg)	Legacy Part Number
	Size	Connection (T)	Flange (A)	Mating (F)	Length (C)		
ADADFN013635006L	DN 10	1/4"	34.00	10.00	25.00	0.08	AFD.NPT.D10.025
ADADFN013952006L		3/8"	34.00	10.00	25.00	0.08	AFD.NPT.D10.038
ADADFN013127006L		1/2"	34.00	10.00	30.00	0.07	AFD.NPT.D10.050
ADADFN013195006L		3/4"	34.00	10.00	30.00	0.07	AFD.NPT.D10.075
ADADFN019635006L	DN 15	1/4"	34.00	16.00	25.00	0.07	AFD.NPT.D15.025
ADADFN019127006L		3/8"	34.00	16.00	25.00	0.07	AFD.NPT.D15.038
ADADFN019195006L		1/2"	34.00	16.00	30.00	0.06	AFD.NPT.D15.050
ADADFN023635006L		3/4"	34.00	16.00	30.00	0.06	AFD.NPT.D15.075
ADADFN023952006L	DN 20	1/4"	34.00	20.00	25.00	0.07	AFD.NPT.D20.025
ADADFN023127006L		3/8"	34.00	20.00	25.00	0.07	AFD.NPT.D20.038
ADADFN023195006L		1/2"	34.00	20.00	30.00	0.06	AFD.NPT.D20.050
ADADFN023025006L		3/4"	34.00	20.00	30.00	0.06	AFD.NPT.D20.075



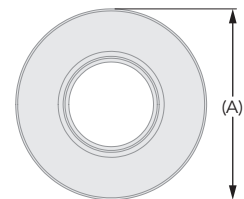
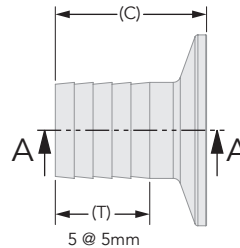
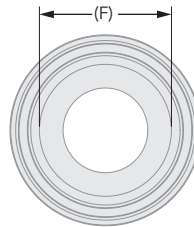
5.1.1

ACL® Hosetails

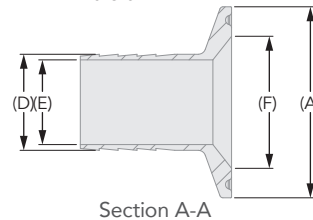
Imperial

Material
1.4404


Type A – 25.0mm Flange



Type B – 50.5mm to 338.0mm Flange



Section A-A

Hosetails – Imperial

Part Number	Ferrule – Hosetail		Dimension (mm)					Weight (kg)	Legacy Part Number
	Size	Connection	Shank OD (D)	Shank ID (E)	Flange (A)	Mating (F)	Length (C)		
ADADHI1276350326L	1/2"	1/4"	6.40	3.40	25.00	10.00	32.00	0.02	HTD.050.025
ADADHI1279520326L		3/8"	9.50	6.50	25.00	10.00	32.00	0.02	HTD.050.038
ADADHI1271270326L		1/2"	12.70	9.70	25.00	10.00	32.00	0.02	HTD.050.050
ADADHI1271950326L		3/4"	19.00	16.00	25.00	10.00	32.00	0.02	HTD.050.075
ADADHI1956350326L	3/4"	1/4"	6.40	3.40	25.00	16.00	32.00	0.02	HTD.075.025
ADADHI1959520326L		3/8"	9.50	6.50	25.00	16.00	32.00	0.02	HTD.075.038
ADADHI1951270326L		1/2"	12.70	9.70	25.00	16.00	32.00	0.02	HTD.075.050
ADADHI1951950326L		3/4"	19.00	16.00	25.00	16.00	32.00	0.02	HTD.075.075
ADADHI0256350406L	1"	1/4"	6.40	3.40	50.50	22.50	40.00	0.08	HTD.100.025
ADADHI0259520406L		3/8"	9.50	6.50	50.50	22.50	40.00	0.08	HTD.100.038
ADADHI0251270406L		1/2"	12.70	9.70	50.50	22.50	40.00	0.08	HTD.100.050
ADADHI0251950406L		3/4"	19.00	16.00	50.50	22.50	40.00	0.09	HTD.100.075
ADADHI0250250406L		1"	26.00	23.00	50.50	22.50	40.00	0.09	HTD.100.100
ADADHI0386350406L	1 1/2"	1/4"	6.40	3.40	50.50	35.00	40.00	0.07	HTD.150.025
ADADHI0389520406L		3/8"	9.50	6.50	50.50	35.00	40.00	0.07	HTD.150.038
ADADHI0381270406L		1/2"	12.70	9.70	50.50	35.00	40.00	0.07	HTD.150.050
ADADHI0381950406L		3/4"	19.00	16.00	50.50	35.00	40.00	0.07	HTD.150.075
ADADHI0380250406L		1"	26.00	23.00	50.50	35.00	40.00	0.08	HTD.150.100
ADADHI0380380406L		1 1/2"	38.10	35.00	50.50	35.00	40.00	0.08	HTD.150.150
ADADHI0511270606L	2"	1/2"	12.70	9.70	64.00	48.00	60.00	0.12	HTD.200.050
ADADHI0511950606L		3/4"	19.00	16.00	64.00	48.00	60.00	0.12	HTD.200.075
ADADHI0510250606L		1"	26.00	23.00	64.00	48.00	60.00	0.12	HTD.200.100
ADADHI0510380606L		1 1/2"	38.10	35.00	64.00	48.00	60.00	0.14	HTD.200.150
ADADHI0510510606L		2"	50.80	47.00	64.00	48.00	60.00	0.17	HTD.200.200



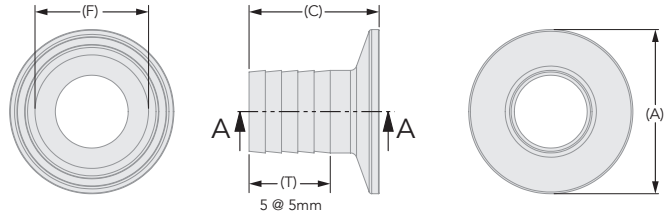
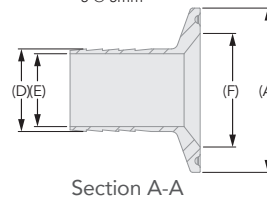
5.1.2

ACL® Hosetails

Metric

Material
1.4404

Type A – 25.0mm Flange

Type B – 50.5mm to
338.0mm Flange

Section A-A

Hosetails – Metric

Part Number	Ferrule – Hosetail		Dimension (mm)					Weight (kg)	Legacy Part Number
	Size	Connection	Shank OD (D)	Shank ID (E)	Flange (A)	Mating (F)	Length (C)		
ADADHM0136350406L	DN 10	¼"	6.40	3.40	34.00	10.00	40.00	0.04	HTD.D10.025
ADADHM0139520406L		⅜"	9.50	6.50	34.00	10.00	40.00	0.04	HTD.D10.038
ADADHM0131270406L		½"	12.70	9.70	34.00	10.00	40.00	0.04	HTD.D10.050
ADADHM0131950406L		¾"	19.00	16.00	34.00	10.00	40.00	0.04	HTD.D10.075
ADADHM0196350406L	DN 15	¼"	6.40	3.40	34.00	16.00	40.00	0.04	HTD.D15.025
ADADHM0199520406L		⅜"	9.50	6.50	34.00	16.00	40.00	0.04	HTD.D15.038
ADADHM0191270406L		½"	12.70	9.70	34.00	16.00	40.00	0.04	HTD.D15.050
ADADHM0191950406L		¾"	19.00	16.00	34.00	16.00	40.00	0.04	HTD.D15.075
ADADHM0296350406L	DN 20	¼"	6.40	3.40	34.00	20.00	40.00	0.04	HTD.D20.025
ADADHM0299520406L		⅜"	9.50	6.50	34.00	20.00	40.00	0.04	HTD.D20.038
ADADHM0291270406L		½"	12.70	9.70	34.00	20.00	40.00	0.04	HTD.D20.050
ADADHM0291950406L		¾"	19.00	16.00	34.00	20.00	40.00	0.04	HTD.D20.075
ADADHM1270080326L	½"	8 x 5	8.00	5.00	25.00	10.00	32.00	0.02	HTD.050.008
ADADHM1270140406L		14 x 11	14.00	11.00	25.00	10.00	40.00	0.02	HTD.050.014
ADADHM1270160406L		16 x 13	16.00	13.00	25.00	10.00	40.00	0.02	HTD.050.016
ADADHM1950080326L	¾"	8 x 5	8.00	5.00	25.00	16.00	32.00	0.02	HTD.075.008
ADADHM1950140406L		14 x 11	14.00	11.00	25.00	16.00	40.00	0.02	HTD.075.014
ADADHM1950160406L		16 x 13	16.00	13.00	25.00	16.00	40.00	0.02	HTD.075.016
ADADHM0250080406L	1"	8 x 5	8.00	5.00	50.50	22.50	40.00	0.02	HTD.100.008
ADADHM0250140406L		14 x 11	14.00	11.00	50.50	22.50	40.00	0.08	HTD.100.014
ADADHM0250160406L		16 x 13	16.00	13.00	50.50	22.50	40.00	0.08	HTD.100.016
ADADHM0250220406L		22 x 19	22.00	19.00	50.50	22.50	40.00	0.09	HTD.100.022
ADADHM0380080326L	1½"	8 x 5	8.00	5.00	50.50	35.00	40.00	0.07	HTD.150.008
ADADHM0380140406L		14 x 11	14.00	11.00	50.50	35.00	40.00	0.08	HTD.150.014
ADADHM0380160406L		16 x 13	16.00	13.00	50.50	35.00	40.00	0.08	HTD.150.016
ADADHM0380220406L		22 x 19	22.00	19.00	50.50	35.00	40.00	0.09	HTD.150.022

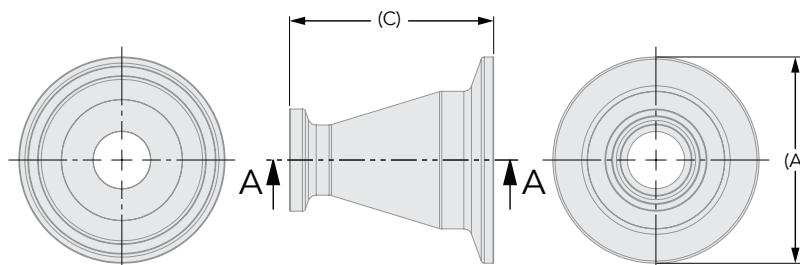
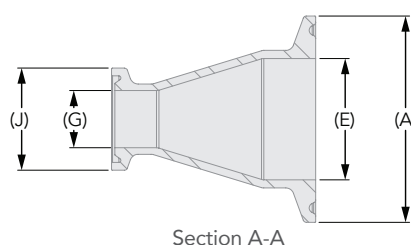


6.1

ACL® Concentric Reducers

Ferrule-ended

Material
1.4404

Type A – 25.0mm Flange

Type B – 50.5mm to 338.0mm Flange


Concentric Reducers – Ferrule-ended

Part Number	Ferrule – Ferrule		Dimension (mm)					Weight (kg)	Legacy Part Number
	Size 1	Size 2	Flange 1 (A)	ID 1 (E)	Flange 2 (J)	ID 2 (G)	Length (C)		
DFRCB4195127040SD6L	¾"	½"	25.00	15.90	25.00	9.50	40.00	0.07	CRD.075.050
DFRCB4025127050SD6L	1"	½"	50.50	22.20	25.00	9.50	50.00	0.12	CRD.100.050
DFRCB4025195050SD6L		¾"	50.50	22.20	25.00	15.80	50.00	0.11	CRD.100.075
DFRCB4038127050SD6L	1½"	½"	50.50	34.90	25.00	9.50	50.00	0.18	CRD.150.050
DFRCB4038195050SD6L		¾"	50.50	34.90	25.00	15.80	50.00	0.09	CRD.150.075
DFRCB4038025050SD6L		1"	50.50	34.90	50.50	22.20	50.00	0.15	CRD.150.100
DFRCB4051127050SD6L	2"	½"	64.00	47.60	25.00	9.50	50.00	0.20	CRD.200.050
DFRCB4051195050SD6L		¾"	64.00	47.60	25.00	15.80	50.00	0.20	CRD.200.075
DFRCB4051025050SD6L		1"	64.00	47.60	50.50	22.20	50.00	0.20	CRD.200.100
DFRCB4051038050SD6L		1½"	64.00	47.60	50.50	34.90	50.00	0.18	CRD.200.150
DFRCB4063127060SD6L	2½"	½"	77.50	60.30	25.00	9.50	60.00	0.25	CRD.250.050
DFRCB4063195060SD6L		¾"	77.50	60.30	25.00	15.80	60.00	0.25	CRD.250.075
DFRCB4063025060SD6L		1"	77.50	60.30	50.50	22.20	60.00	0.27	CRD.250.100
DFRCB4063038060SD6L		1½"	77.50	60.30	50.50	34.90	60.00	0.25	CRD.250.150
DFRCB4063051060SD6L		2"	77.50	60.30	64.00	47.60	60.00	0.23	CRD.250.200
DFRCB4076127060SD6L	3"	½"	91.00	73.00	25.00	9.50	60.00	0.29	CRD.300.050
DFRCB4076195060SD6L		¾"	91.00	73.00	25.00	15.80	60.00	0.29	CRD.300.075
DFRCB4076025060SD6L		1"	91.00	73.00	50.50	22.20	60.00	0.31	CRD.300.100
DFRCB4076038060SD6L		1½"	91.00	73.00	50.50	34.90	60.00	0.29	CRD.300.150
DFRCB4076051060SD6L		2"	91.00	73.00	64.00	47.60	60.00	0.29	CRD.300.200
DFRCB4076063060SD6L		2½"	91.00	73.00	77.50	60.30	60.00	0.29	CRD.300.250



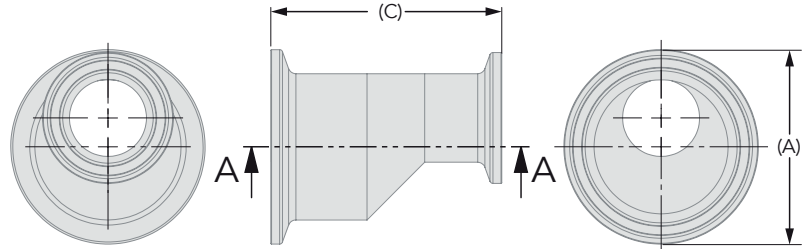
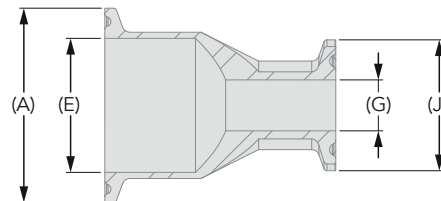
6.2

ACL® BPE Eccentric Reducers

Ferrule-ended

Material
1.4404

Type A – 25.0mm Flange

Type B – 50.5mm to
338.0mm Flange

Section A-A

Eccentric Reducers – Ferrule-ended

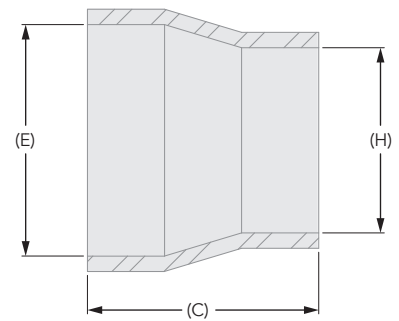
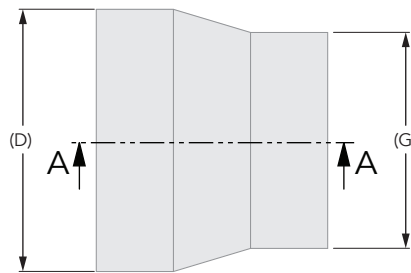
Part Number	Ferrule – Ferrule		Dimension (mm)					Weight (kg)	Legacy Part Number
	Size 1	Size 2	Flange 1 (A)	ID 1 (E)	Flange 2 (J)	ID 2 (G)	Length (C)		
DFREA1195127040SD6L	¾"	½"	25.40	15.90	25.40	9.50	50.80	0.07	ERD.075.050
DFREA1025127050SD6L	1"	½"	50.50	22.20	25.40	9.50	63.50	0.12	ERD.100.050
DFREA1025195050SD6L		¾"	50.50	22.20	25.40	15.80	50.80	0.11	ERD.100.075
DFREA1038127050SD6L	1½"	½"	50.50	34.90	25.40	9.50	88.90	0.18	ERD.150.050
DFREA1038195050SD6L		¾"	50.50	34.90	25.40	15.80	76.20	0.09	ERD.150.075
DFREA1038025050SD6L		1"	50.50	34.90	50.50	22.20	76.20	0.15	ERD.150.100
DFREA1051127050SD6L	2"	½"	64.00	47.60	25.40	9.50	139.70	0.20	ERD.200.050
DFREA1051195050SD6L		¾"	64.00	47.60	25.40	15.80	127.00	0.20	ERD.200.075
DFREA1051025050SD6L		1"	64.00	47.60	50.50	22.20	127.00	0.20	ERD.200.100
DFREA1051038050SD6L		1½"	64.00	47.60	50.50	34.90	76.20	0.18	ERD.200.150
DFREA1063127060SD6L	2½"	½"	77.50	60.30	25.40	9.50	190.50	0.25	ERD.250.050
DFREA1063195060SD6L		¾"	77.50	60.30	25.40	15.80	177.80	0.25	ERD.250.075
DFREA1063025060SD6L		1"	77.50	60.30	50.50	22.20	177.80	0.27	ERD.250.100
DFREA1063038060SD6L		1½"	77.50	60.30	50.50	34.90	127.00	0.25	ERD.250.150
DFREA1063051060SD6L		2"	77.50	60.30	64.00	47.60	76.20	0.23	ERD.250.200
DFREA1076025060SD6L	3"	1"	91.00	73.00	25.40	9.50	228.60	0.31	ERD.300.100
DFREA1076038060SD6L		1½"	91.00	73.00	25.40	15.80	177.80	0.29	ERD.300.150
DFREA1076051060SD6L		2"	91.00	73.00	50.50	22.20	127.00	0.29	ERD.300.200
DFREA1076063060SD6L		2½"	91.00	73.00	50.50	34.90	76.20	0.29	ERD.300.250



6.3

ACL® Pipe to Tube Reducers

Schedules 10 and 40

Material
1.4404

Section A-A

Pipe to Tube Reducers – Schedule 10

Part Number	Pipe to Tube Size		Dimension (mm)					Weight (kg)	Legacy Part Number
	Schedule 10	BS4825	OD 1 (D)	ID 1 (E)	OD 2 (G)	ID 2 (H)	Length (C)		
DWPRB2021127030SD6L	½"	½"	21.34	17.12	12.70	9.52	30.00	0.07	PTRD.S10.050
DWPRB2026195030SD6L	¾"	½"	26.67	22.45	19.50	15.87	30.00	0.12	PTRD.S10.075
DWPRB2033025030SD6L	1"	¾"	33.40	27.86	25.65	22.20	30.00	0.11	PTRD.S10.100
DWPRB2048038030SD6L	1½"	½"	48.26	47.72	38.35	34.90	30.00	0.18	PTRD.S10.150
DWPRB2060051030SD6L	2"	¾"	60.33	54.79	51.05	47.60	30.00	0.90	PTRD.S10.200
DWPRB2073063030SD6L	2½"	1"	73.03	66.93	63.75	60.30	30.00	0.15	PTRD.S10.250
DWPRB2089076030SD6L	3"	½"	88.90	82.80	76.45	73.00	30.00	0.20	PTRD.S10.300
DWPRB2101089030SD6L	3½"	¾"	101.50	95.50	88.90	84.70	30.00	0.20	PTRD.S10.350
DWPRB2114101030SD6L	4"	1"	114.30	108.20	101.85	97.60	30.00	0.20	PTRD.S10.400
DWPRB2168154030SD6L	6"	1½"	168.28	161.48	154.00	150.00	30.00	0.18	PTRD.S10.600

Pipe to Tube Reducers – Schedule 40

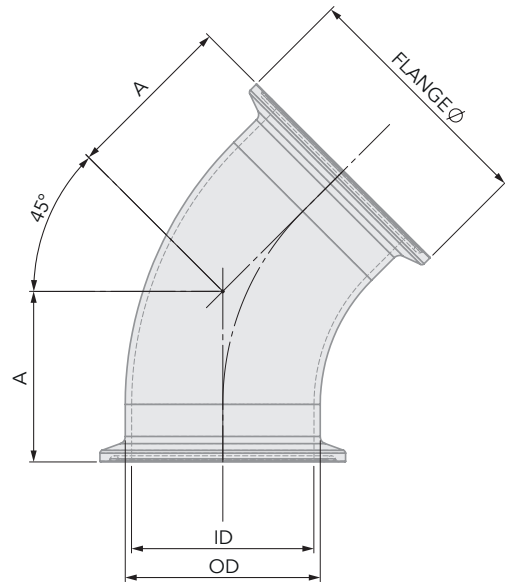
Part Number	Pipe to Tube Size		Dimension (mm)					Weight (kg)	Legacy Part Number
	Schedule 40	BS4825	OD 1 (D)	ID 1 (E)	OD 2 (G)	ID 2 (H)	Length (C)		
DWPRB3021127030SD6L	½"	½"	21.34	15.80	12.70	9.52	30.00	0.07	PTRD.S40.050
DWPRB3026195030SD6L	¾"	½"	26.67	20.93	19.50	15.87	30.00	0.12	PTRD.S40.075
DWPRB3033025030SD6L	1"	¾"	33.40	26.64	25.65	22.20	30.00	0.11	PTRD.S40.100
DWPRB3048038030SD6L	1½"	½"	48.26	40.88	38.35	34.90	30.00	0.18	PTRD.S40.150
DWPRB3060051030SD6L	2"	¾"	60.33	52.51	51.05	47.60	30.00	0.90	PTRD.S40.200
DWPRB3073063030SD6L	2½"	1"	73.03	62.71	63.75	60.30	30.00	0.15	PTRD.S40.250
DWPRB3089076030SD6L	3"	½"	88.90	77.92	76.45	73.00	30.00	0.20	PTRD.S40.300
DWPRB3101089030SD6L	3½"	¾"	101.50	90.12	88.90	84.70	30.00	0.20	PTRD.S40.350
DWPRB3114101030SD6L	4"	1"	114.30	102.26	101.85	97.60	30.00	0.20	PTRD.S40.400
DWPRB3168154030SD6L	6"	1½"	168.28	154.06	154.00	150.00	30.00	0.18	PTRD.S40.600



7.1

ACL® BPE 45° Elbow

DT-4.1.1-6

 Material
1.4404


BPE 45° Elbows

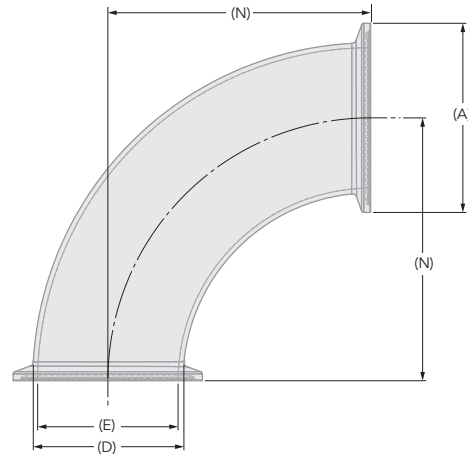
Part Number	Size	Dimension (mm)				Weight (kg)	Legacy Part Number
	Imperial	Distance (N)	Flange (A)	OD (D)	ID (E)		
DFE4A1025635S16L	¼"	25.40	25.00	6.35	4.35	0.05	EL.BPE.45.025.SF1
DFE4A1025952S16L	⅜"	25.40	25.00	9.53	7.75	0.07	EL.BPE.45.038.SF1
DFE4A1025127S16L	½"	25.40	25.00	12.70	9.40	0.10	EL.BPE.45.050.SF1
DFE4A1025195S16L	¾"	25.40	25.00	19.05	15.75	0.16	EL.BPE.45.075.SF1
DFE4A1050025S16L	1"	28.58	50.50	25.40	22.10	0.18	EL.BPE.45.100.SF1
DFE4A1050038S16L	1½"	36.53	50.50	38.10	34.80	0.18	EL.BPE.45.150.SF1
DFE4A1064051S16L	2"	44.45	64.00	50.80	47.50	0.29	EL.BPE.45.200.SF1
DFE4A1077063S16L	2 ½"	52.40	77.50	63.50	60.20	0.41	EL.BPE.45.250.SF1
DFE4A1091076S16L	3"	60.33	91.00	76.20	72.90	0.67	EL.BPE.45.300.SF1
DFE4A1119101S16L	4"	79.38	119.00	101.60	97.38	1.16	EL.BPE.45.400.SF1
DFE4A1167152S16L	6"	133.35	167.00	152.40	146.86	3.22	EL.BPE.45.600.SF1



7.2

ACL® BPE 90° Elbow

SF1 & SF4 – DT-4.1.1-3

Material
1.4404**BPE 90° Elbows – SF1**

Part Number	Size	Dimension (mm)				Weight (kg)	Legacy Part Number
	Imperial	Distance (N)	Flange (A)	OD (D)	ID (E)		
DFE9A1025635S16L	¼"	41.28	25.00	6.35	4.35	0.09	EL.BPE.90.025.SF1
DFE9A1025952S16L	⅜"	41.29	25.00	9.53	7.75	0.13	EL.BPE.90.038.SF1
DFE9A1025127S16L	½"	41.30	25.00	12.70	9.40	0.16	EL.BPE.90.050.SF1
DFE9A1025195S16L	¾"	41.31	25.00	19.05	15.75	0.20	EL.BPE.90.075.SF1
DFE9A1050025S16L	1"	50.8	50.50	25.40	22.10	0.24	EL.BPE.90.100.SF1
DFE9A1050038S16L	1½"	69.85	50.50	38.10	34.80	0.27	EL.BPE.90.150.SF1
DFE9A1064051S16L	2"	88.90	64.00	50.80	47.50	1.22	EL.BPE.90.200.SF1
DFE9A1077063S16L	2 ½"	107.95	77.50	63.50	60.20	0.65	EL.BPE.90.250.SF1
DFE9A1091076S16L	3"	127.00	91.00	76.20	72.90	0.91	EL.BPE.90.300.SF1
DFE9A1119101S16L	4"	168.28	119.00	101.60	97.38	1.86	EL.BPE.90.400.SF1
DFE9A1167152S16L	6"	266.70	167.00	152.40	146.86	5.67	EL.BPE.90.600.SF1

BPE 90° Elbows – SF4

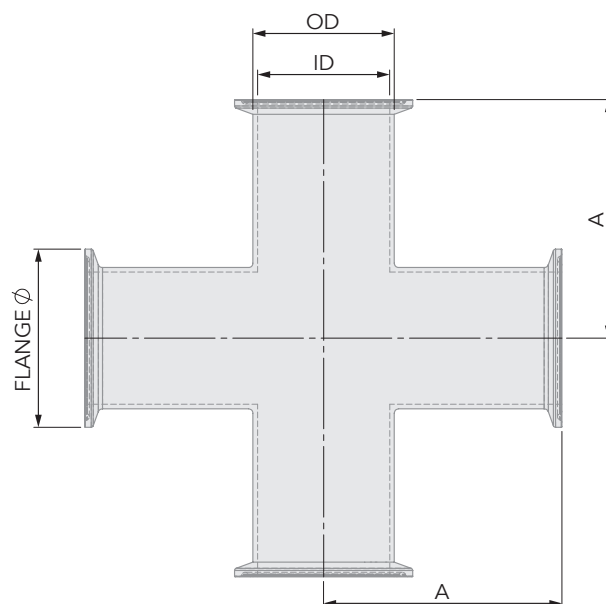
Part Number	Size	Dimension (mm)				Weight (kg)	Legacy Part Number
	Imperial	Distance (N)	Flange (A)	OD (D)	ID (E)		
DFE9A1025635S46L	¼"	41.28	25.00	6.35	4.35	0.09	EL.BPE.90.025.SF4
DFE9A1025952S46L	⅜"	41.29	25.00	9.53	7.75	0.13	EL.BPE.90.038.SF4
DFE9A1025127S46L	½"	41.30	25.00	12.70	9.40	0.16	EL.BPE.90.050.SF4
DFE9A1025195S46L	¾"	41.31	25.00	19.05	15.75	0.20	EL.BPE.90.075.SF4
DFE9A1050025S46L	1"	50.80	50.50	25.40	22.10	0.24	EL.BPE.90.100.SF4
DFE9A1050038S46L	1½"	69.85	50.50	38.10	34.80	0.27	EL.BPE.90.150.SF4
DFE9A1064051S46L	2"	88.90	64.00	50.80	47.50	1.22	EL.BPE.90.200.SF4
DFE9A1077063S46L	2 ½"	107.95	77.50	63.50	60.20	0.65	EL.BPE.90.250.SF4
DFE9A1091076S46L	3"	127.00	91.00	76.20	72.90	0.91	EL.BPE.90.300.SF4
DFE9A1119101S46L	4"	168.28	119.00	101.60	97.38	1.86	EL.BPE.90.400.SF4
DFE9A1167152S46B	6"	266.70	167.00	152.40	146.86	5.67	EL.BPE.90.600.SF4



7.3

ACL® BPE Cross Piece

DT-4.1.2-4

Material
1.4404

BPE Cross Pieces

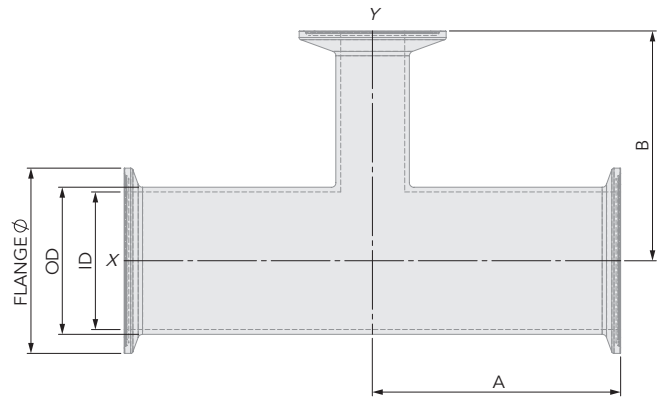
Part Number	Size	Dimension (mm)				Weight (kg)	Legacy Part Number
	Imperial	Distance (N)	Flange (A)	OD (D)	ID (E)		
DFXEA1025635S16L	¼"	57.17	25.00	6.35	4.35	0.31	CP.BPE.025.SF1
DFXEA1025952S16L	⅜"	57.15	25.00	9.53	7.75	0.37	CP.BPE.038.SF1
DFXEA1025127S16L	½"	60.33	25.00	12.70	9.40	0.42	CP.BPE.050.SF1
DFXEA1025195S16L	¾"	63.50	25.00	19.05	15.75	0.42	CP.BPE.075.SF1
DFXEA1050025S16L	1"	66.68	50.50	25.40	22.10	0.50	CP.BPE.100.SF1
DFXEA1050038S16L	1½"	73.07	50.50	38.10	34.80	0.50	CP.BPE.150.SF1
DFXEA1064051S16L	2"	85.73	64.00	50.80	47.50	0.83	CP.BPE.200.SF1
DFXEA1077063S16L	2 ½"	92.08	77.50	63.50	60.20	1.02	CP.BPE.250.SF1
DFXEA1091089S16L	3"	98.43	91.00	76.20	72.90	1.21	CP.BPE.300.SF1
DFXEA1119101S16L	4"	120.65	119.00	101.60	97.38	1.21	CP.BPE.400.SF1
DFXEA1167152S16L	6"	180.98	167.00	152.40	146.86	2.04	CP.BPE.600.SF1



7.4

ACL® BPE Reducing Tee

DT-4.1.2-8

Material
1.4404


BPE Reducing Tees

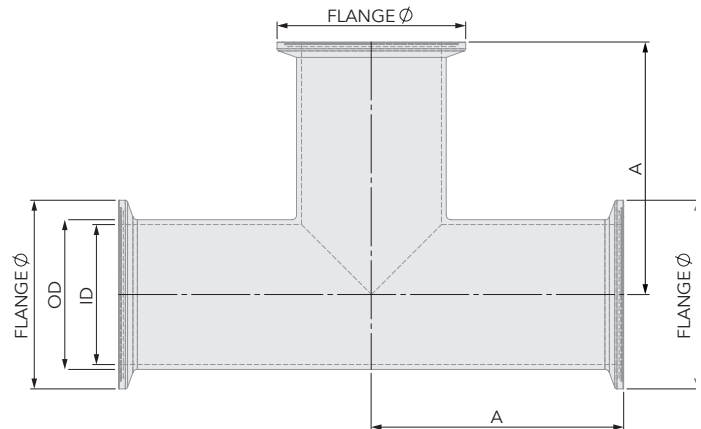
Part Number	Size 1	Size 2	Dimension (mm)							Weight (kg)	Legacy Part Number
	Tube	Branch	Distance (N)	Flange 1 (A)	Flange 2 (J)	OD1 (D)	OD 2 (H)	ID 1 (E)	ID 2 (G)		
DFRSA1000195127S16L	¾"	½"	63.50	25.00	25.00	19.05	12.70	15.75	9.40	0.68	RT.BPE.075.050
DFRSA1000025127S16L	1"	½"	66.68	50.50	25.00	25.40	12.70	22.10	9.40	0.38	RT.BPE.100.050
DFRSA1000025195S16L	1"	¾"	66.68	50.50	25.00	25.40	19.05	22.10	15.75	0.38	RT.BPE.100.075
DFRSA1000038127S16L	1½"	½"	73.03	50.50	25.00	38.10	12.70	34.80	9.40	0.41	RT.BPE.150.050
DFRSA1000038195S16L	1½"	¾"	73.03	50.50	25.00	38.10	19.05	34.80	15.75	0.41	RT.BPE.150.075
DFRSA1000038025S16L	1½"	1"	73.03	50.50	50.50	38.10	25.40	34.80	22.10	0.47	RT.BPE.150.100
DFRSA1000051127S16L	2"	½"	85.73	64.00	25.00	50.80	12.70	47.50	9.40	0.68	RT.BPE.200.050
DFRSA1000051195S16L	2"	¾"	85.73	64.00	25.00	50.80	19.05	47.50	15.75	0.62	RT.BPE.200.075
DFRSA1000051025S16L	2"	1"	85.73	64.00	50.50	50.80	25.40	47.50	22.10	0.68	RT.BPE.200.100
DFRSA1000051038S16L	2"	1½"	85.73	64.00	50.50	50.80	38.10	47.50	34.80	0.64	RT.BPE.200.150



7.5

ACL® BPE Equal Tee

DT-4.1.2-4

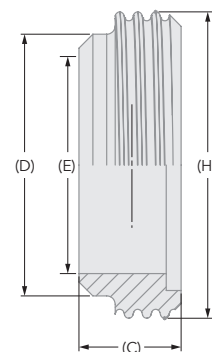
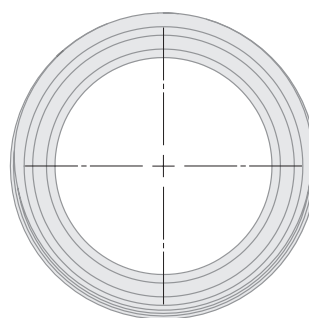
Material
1.4404**BPE Standard Tees**

Part Number	Size	Dimension (mm)				Weight (kg)	Legacy Part Number
	Imperial	Distance (N)	Flange (A)	OD (D)	ID (E)		
DFTEA1025635S16L	¼"	57.15	25.00	6.35	4.35	0.31	TP.BPE.025
DFTEA1025952S16L	⅜"	57.15	25.00	9.53	7.75	0.32	TP.BPE.038
DFTEA1025127S16L	½"	60.33	25.00	12.70	9.40	0.33	TP.BPE.050
DFTEA1025195S16L	¾"	63.50	25.00	19.05	15.75	0.36	TP.BPE.075
DFTEA1050025S16L	1"	66.68	50.50	25.40	22.10	0.39	TP.BPE.100
DFTEA1050038S16L	1½"	73.03	50.50	38.10	34.80	0.41	TP.BPE.0150
DFTEA1064051S16L	2"	85.73	64.00	50.80	47.50	0.68	TP.BPE.200
DFTEA1077063S16L	2 ½"	92.08	77.00	63.50	60.20	0.83	TP.BPE.250
DFTEA1091076S46L	3"	98.43	91.00	76.20	72.90	1.01	TP.BPE.300
DFTEA1119101S16L	4"	120.65	119.00	101.60	97.38	2.00	TP.BPE.400
DFTEA1167152S16L	6"	180.98	167.00	152.40	146.86	7.95	TP.BPE.600



8.1

ACL® DS Male

Material
1.4404


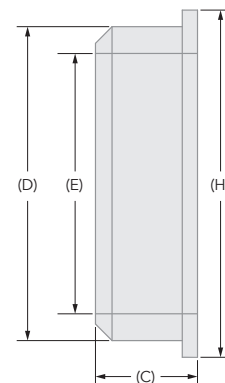
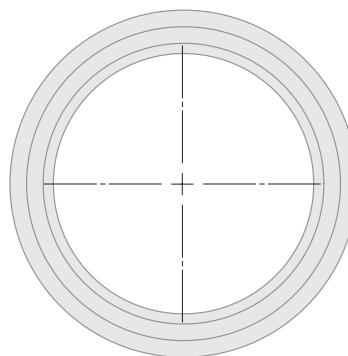
DS Males

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD2 (H)	
NIDS000250126L	1"	25.00	22.60	18.50	44.00	NI.DS.0100
NIDS000380126L	1½"	38.00	35.60	20.00	58.00	NI.DS.0150
NIDS000510126L	2"	51.00	48.60	20.00	72.00	NI.DS.0200
NIDS000630166L	2½"	63.50	60.30	24.00	88.00	NI.DS.0250
NIDS000760206L	3"	76.10	72.10	24.00	100.00	NI.DS.0300
NIDS001010206L	4"	101.60	97.60	24.00	130.00	NI.DS.0400



8.2

ACL® DS Liner

Material
1.4404


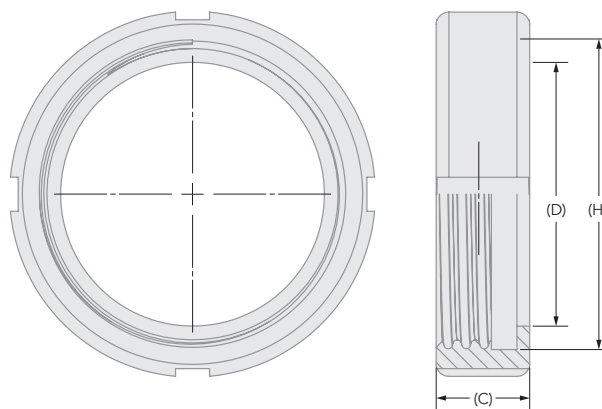
DS Liners

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD2 (H)	
LIDS000250126L	1"	25.00	22.60	11.00	40.00	LI.DS.0100
LIDS000380126L	1½"	38.00	35.60	11.00	54.00	LI.DS.0150
LIDS000510126L	2"	51.00	48.60	11.00	68.00	LI.DS.0200
LIDS000630166L	2½"	63.50	60.30	12.00	84.00	LI.DS.0250
LIDS000760206L	3"	76.10	72.10	12.00	96.00	LI.DS.0300
LIDS001010206L	4"	101.60	97.60	12.00	124.00	LI.DS.0400



8.3

ACL® DS Nut

Material
1.4301


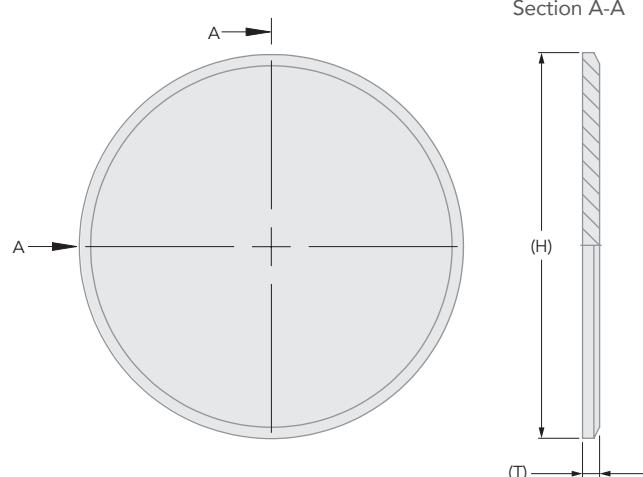
DS Nuts

Part Number	Size		Dimension (mm)			Legacy Part Number
	Imperial	Metric	Length (C)	OD (H)	ID (D)	
NUDS000250124L	1"	25.00	20.00	44.00	35.00	OM.DS.0100
NUDS000380124L	1½"	38.00	20.00	58.00	48.50	OM.DS.0150
NUDS000510124L	2"	51.00	22.00	72.00	62.50	OM.DS.0200
NUDS000630164L	2½"	63.50	24.00	88.00	76.50	OM.DS.0250
NUDS000760204L	3"	76.10	25.00	100.00	88.50	OM.DS.0300
NUDS001010204L	4"	101.60	28.00	130.00	117.00	OM.DS.0400



8.4

ACL® DS Blank

Material
1.4404


DS Blanks

Part Number	Size				Legacy Part Number
	Imperial	Metric	Thickness (T)	OD (H)	
BLDS000250126L	1"	25.00	3.00	40.00	BK.DS.0100
BLDS000380126L	1½"	38.00	3.00	54.00	BK.DS.0150
BLDS000510126L	2"	51.00	3.00	68.00	BK.DS.0200
BLDS000630166L	2½"	63.50	4.00	84.00	BK.DS.0250
BLDS000760206L	3"	76.10	4.00	96.00	BK.DS.0300
BLDS001010206L	4"	101.60	4.00	124.00	BK.DS.0400

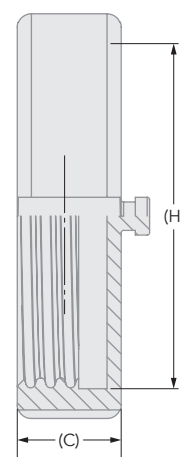
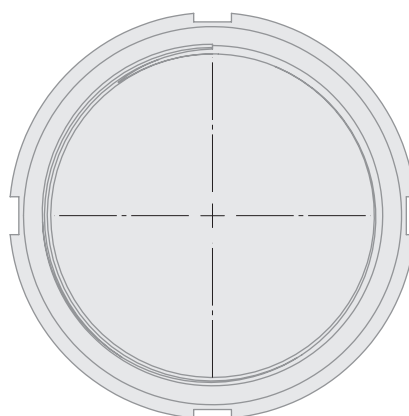


8.5

ACL® DS Blind Nut

With Chain

Material
1.4404



DS Blind Nuts

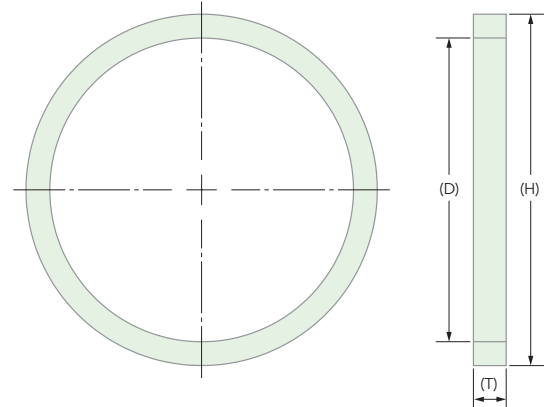
Part Number	Size				Legacy Part Number
	Imperial	Metric	Length (C)	OD (H)	
BNDS000250126L	1"	25.00	20.00	44.00	BO.DS.0100
BNDS000380126L	1½"	38.00	20.00	58.00	BO.DS.0150
BNDS000510126L	2"	51.00	22.00	72.00	BO.DS.0200
BNDS000630166L	2½"	63.50	24.00	88.00	BO.DS.0250
BNDS000760206L	3"	76.10	25.00	100.00	BO.DS.0300
BNDS001010206L	4"	101.60	28.00	130.00	BO.DS.0400



8.6

ACL® DS Union Gasket

EPDM / Nitrile (NBR) / Viton (FKM)

**DS Union Gaskets – EPDM**

Part Number	Size		Dimensions (mm)			Legacy Part Number
	Imperial	Metric	OD (H)	ID (D)	Thickness (T)	
GUDS025EK	1"	25.00	32.00	25.00	4.50	PE.DS.0100
GUDS038EK	1½"	38.00	47.00	38.00	4.50	PE.DS.0150
GUDS051EK	2"	51.00	59.00	51.00	4.50	PE.DS.0200
GUDS063EK	2½"	63.50	74.00	63.50	4.50	PE.DS.0250
GUDS076EK	3"	76.10	88.00	76.10	4.50	PE.DS.0300
GUDS101EK	4"	101.60	112.00	101.60	4.50	PE.DS.0400

DS Union Gaskets – Nitrile (NBR)

Part Number	Size		Dimensions (mm)			Legacy Part Number
	Imperial	Metric	OD (H)	ID (D)	Thickness (T)	
GUDS025NT	1"	25.00	32.00	25.00	4.50	PN.DS.0100
GUDS038NT	1½"	38.00	47.00	38.00	4.50	PN.DS.0150
GUDS051NT	2"	51.00	59.00	51.00	4.50	PN.DS.0200
GUDS063NT	2½"	63.50	74.00	63.50	4.50	PN.DS.0250
GUDS076NT	3"	76.10	88.00	76.10	4.50	PN.DS.0300
GUDS101NT	4"	101.60	112.00	101.60	4.50	PN.DS.0400

DS Union Gaskets – Viton (FKM)

Part Number	Size		Dimensions (mm)			Legacy Part Number
	Imperial	Metric	OD (H)	ID (D)	Thickness (T)	
GUDS025VB	1"	25.00	32.00	25.00	4.50	PV.DS.0100
GUDS038VB	1½"	38.00	47.00	38.00	4.50	PV.DS.0150
GUDS051VB	2"	51.00	59.00	51.00	4.50	PV.DS.0200
GUDS063VB	2½"	63.50	74.00	63.50	4.50	PV.DS.0250
GUDS076VB	3"	76.10	88.00	76.10	4.50	PV.DS.0300
GUDS101VB	4"	101.60	112.00	101.60	4.50	PV.DS.0400

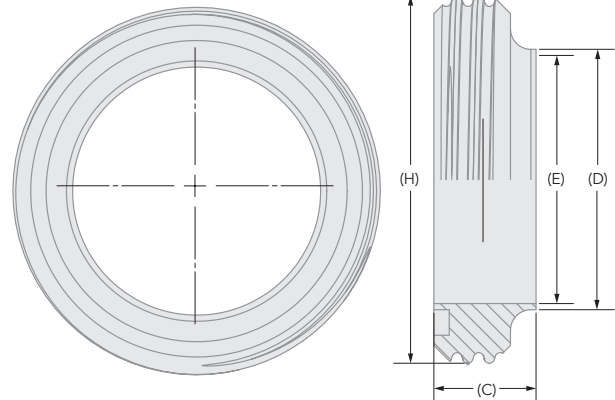


9.1

ACL® SMS Male

Long & Short

Material
1.4404



SMS Males - Long

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD 2 (H)	
NISMLV0250126L	1"	25.00	22.60	19.00	39.80	NISML0100
NISMLV0380126L	1½"	38.00	35.60	23.00	59.80	NISML0150
NISMLV0510126L	2"	51.00	48.60	23.00	69.80	NISML0200
NISMLV0630166L	2½"	63.50	60.30	27.00	84.80	NISML0250
NISMLV0760206L	3"	76.10	70.10	27.00	97.80	NISML0300
NISMLV1010206L	4"	101.60	97.60	30.00	132.00	NISML0400

SMS Males - Short

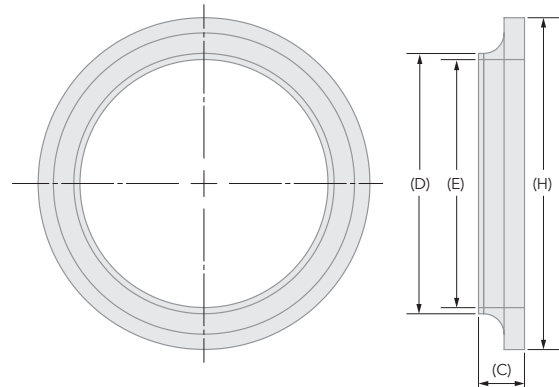
Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD 2 (H)	
NISM000250126L	1"	25.00	22.60	15.00	39.80	NISM0100
NISM000380126L	1½"	38.00	35.60	20.00	59.80	NISM0150
NISM000510126L	2"	51.00	48.60	20.00	69.80	NISM0200
NISM000630166L	2½"	63.50	60.30	24.00	84.80	NISM0250
NISM000760206L	3"	76.10	70.10	24.00	97.80	NISM0300
NISM001010206L	4"	101.60	97.60	25.00	132.00	NISM0400



9.2

ACL[®] SMS Liner

Long & Short

Material
1.4404
**SMS Liners – Long**

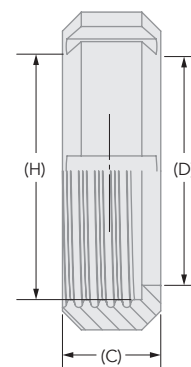
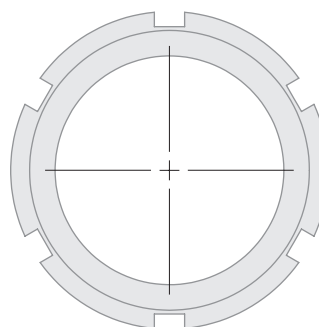
Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD2 (H)	
LISMLV0250126L	1"	25.00	22.60	17.00	35.50	LISML100
LISMLV0380126L	1½"	38.00	35.60	20.00	55.00	LISML150
LISMLV0510126L	2"	51.00	48.60	20.00	65.00	LISML200
LISMLV0630166L	2½"	63.50	60.30	25.00	80.00	LISML250
LISMLV0760206L	3"	76.10	70.10	30.00	93.00	LISML300
LISMLV1010206L	4"	101.60	97.60	35.00	127.00	LISML400

SMS Liners – Short

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	OD2 (H)	
LISM000250126L	1"	25.00	22.60	7.50	35.50	LISM0100
LISM000380126L	1½"	38.00	35.60	9.00	55.00	LISM0150
LISM000510126L	2"	51.00	48.60	9.00	65.00	LISM0200
LISM000630166L	2½"	63.50	60.30	9.00	80.00	LISM0250
LISM000760206L	3"	76.10	70.10	10.00	93.00	LISM0300
LISM001010206L	4"	101.60	97.60	12.00	127.00	LISM0400



9.3

ACL[®] SMS Nut
 Material
1.4301


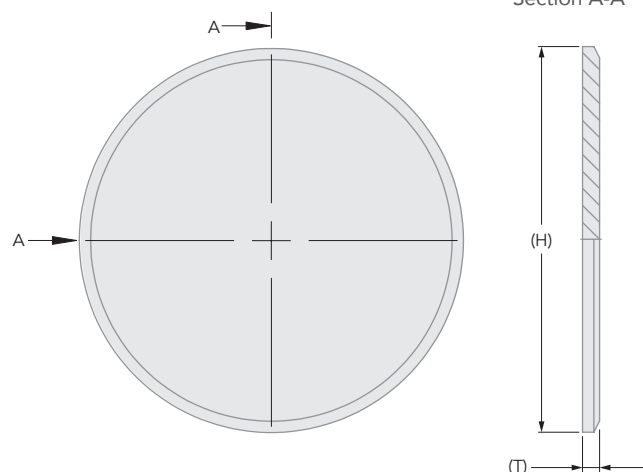
SMS Nuts

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD1 (D)	ID (D)	Length (C)	OD2 (H)	
NUSM000250124L	1"	25.00	32.00	20.00	40.00	OMSM0100
NUSM000380124L	1½"	38.00	48.00	25.00	60.00	OMSM0150
NUSM000510124L	2"	51.00	60.50	26.00	70.00	OMSM0200
NUSM000630164L	2½"	63.50	74.00	30.00	85.00	OMSM0250
NUSM000760204L	3"	76.10	87.00	30.00	98.00	OMSM0300
NUSM001010204L	4"	101.60	117.00	30.00	132.00	OMSM0400



9.4

ACL® SMS Blank

Material
1.4404


SMS Blanks

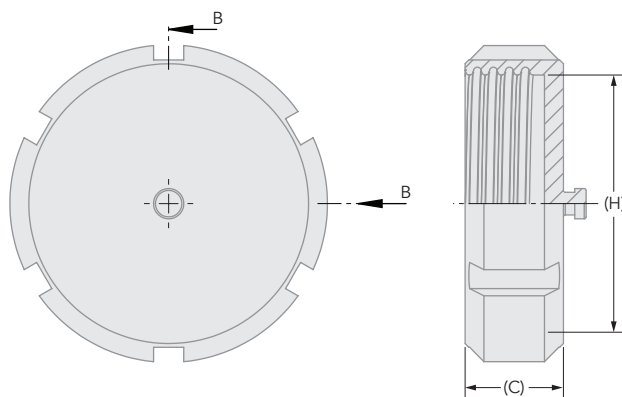
Part Number	Size				Legacy Part Number
	Imperial	Metric	Thickness (T)	OD (H)	
BLSM000250126L	1"	25.00	3.00	35.50	BKSM0100
BLSM000380126L	1½"	38.00	3.00	55.00	BKSM0150
BLSM000510126L	2"	51.00	3.00	65.00	BKSM0200
BLSM000630166L	2½"	63.50	4.00	80.00	BKSM0250
BLSM000760206L	3"	76.10	4.00	93.00	BKSM0300
BLSM001010206L	4"	101.60	4.00	127.00	BKSM0400



9.5

ACL[®] SMS Blind Nut

With Chain

Material
1.4404
**SMS Blind Nuts**

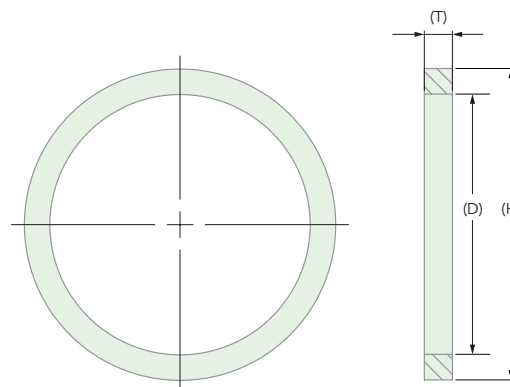
Part Number	Size				Legacy Part Number
	Imperial	Metric	Length (C)	OD (H)	
BNSM000250126L	1"	25.00	20.00	40.00	BOSM0100
BNSM000380126L	1½"	38.00	25.00	60.00	BOSM0150
BNSM000510126L	2"	51.00	26.00	70.00	BOSM0200
BNSM000630166L	2½"	63.50	30.00	85.00	BOSM0250
BNSM000760206L	3"	76.10	30.00	98.00	BOSM0300
BNSM001010206L	4"	101.60	30.00	132.00	BOSM0400



9.6.1

ACL[®] SMS Union Gasket

EPDM and Nitrile (NBR) Unlipped

**SMS Union Gaskets – EPDM Unlipped**

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	ID (D)	OD (H)	Thickness (T)	
GUULSM025EK	1"	25.00	32.00	5.50	PE.SM.0100
GUULSM038EK	1½"	38.00	48.00	5.50	PE.SM.0150
GUULSM051EK	2"	51.00	61.00	5.50	PE.SM.0200
GUULSM063EK	2½"	63.50	73.50	5.50	PE.SM.0250
GUULSM076EK	3"	76.10	86.00	5.50	PE.SM.0300
GUULSM101EK	4"	101.60	114.00	5.50	PE.SM.0400

SMS Union Gaskets – Nitrile (NBR) Unlipped

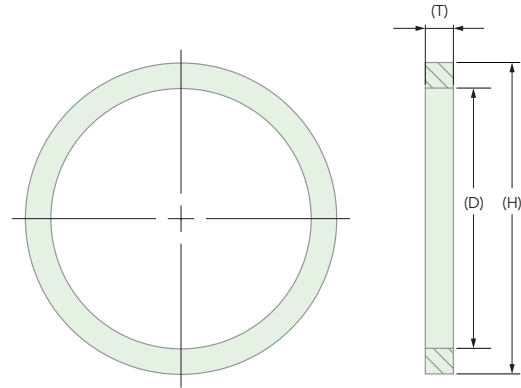
Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	ID (D)	OD (H)	Thickness (T)	
GUULSM025NT	1"	25.00	32.00	5.50	PNSM0100
GUULSM038NT	1½"	38.00	48.00	5.50	PNSM0150
GUULSM051NT	2"	51.00	61.00	5.50	PNSM0200
GUULSM063NT	2½"	63.50	73.50	5.50	PNSM0250
GUULSM076NT	3"	76.10	86.00	5.50	PNSM0300
GUULSM101NT	4"	101.60	114.00	5.50	PNSM0400



9.6.2

ACL[®] SMS Union Gasket

Viton (FKM) and PTFE Unlipped



SMS Union Gaskets – Viton (FKM) Unlipped

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	ID (D)	OD (H)	Thickness (T)	
GUSM025VB	1"	25.00	32.00	5.50	PVSM0100
GUSM038VB	1½"	38.00	48.00	5.50	PVSM0150
GUSM051VB	2"	51.00	61.00	5.50	PVSM0200
GUSM063VB	2½"	63.50	73.50	5.50	PVSM0250
GUSM076VB	3"	76.10	86.00	5.50	PVSM0300
GUSM101VB	4"	101.60	114.00	5.50	PVSM0400

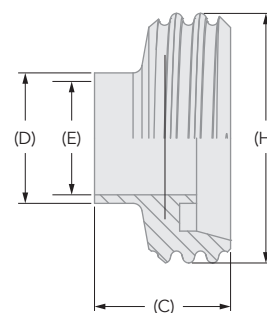
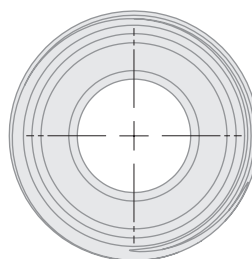
SMS Union Gaskets – PTFE Unlipped

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	ID (D)	OD (H)	Thickness (T)	
GUSM025PS	1"	25.00	32.00	5.50	PTSM0100
GUSM038PS	1½"	38.00	48.00	5.50	PTSM0150
GUSM051PS	2"	51.00	61.00	5.50	PTSM0200
GUSM063PS	2½"	63.50	73.50	5.50	PTSM0250
GUSM076PS	3"	76.10	86.00	5.50	PTSM0300
GUSM101PS	4"	101.60	114.00	5.50	PTSM0400



10.1

ACL® DIN Male

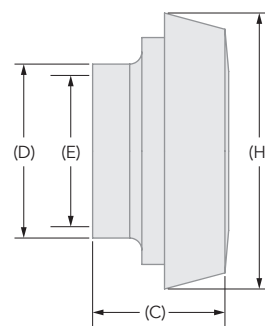
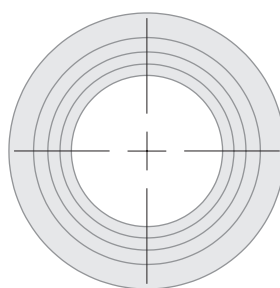
 Material
1.4404


DIN Males

Part Number	Size	Dimension (mm)				Legacy Part Number
	Metric	OD 1 (D)	ID (E)	Length (C)	OD2 (H)	
NIDI000130156L	DN 10	13.00	10.00	21.00	28.00	NIDI0010
NIDI000190156L	DN 15	19.00	16.00	21.00	34.00	NIDI0015
NIDI000230156L	DN 20	23.00	20.00	24.00	44.00	NIDI0020
NIDI000290156L	DN 25	29.00	26.00	29.00	52.00	NIDI0025
NIDI000350156L	DN 32	35.00	32.00	32.00	58.00	NIDI0032
NIDI000410156L	DN 40	41.00	38.00	33.00	65.00	NIDI0040
NIDI000530156L	DN 50	53.00	50.00	35.00	78.00	NIDI0050
NIDI000700206L	DN 65	70.00	66.00	40.00	95.00	NIDI0065
NIDI000850206L	DN 80	85.00	81.00	45.00	110.00	NIDI0080
NIDI001040206L	DN 100	104.00	100.00	54.00	130.00	NIDI0100
NIDI001290206L	DN 125	129.00	125.00	46.00	160.00	NIDI0125
NIDI001540206L	DN 150	154.00	150.00	50.00	190.00	NIDI0150



10.2

ACL[®] DIN Liner
Material
1.4404


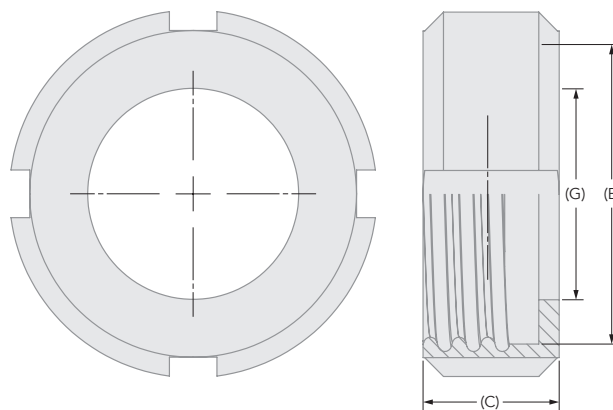
DIN Liners

Part Number	Size	Dimension (mm)				Legacy Part Number
	Metric	OD 1 (D)	ID (E)	Length (C)	OD2 (H)	
LIDI000130156L	DN 10	13.00	10.00	17.00	22.20	LIDI0010
LIDI000190156L	DN 15	19.00	16.00	17.00	28.20	LIDI0015
LIDI000230156L	DN 20	23.00	20.00	18.00	36.30	LIDI0020
LIDI000290156L	DN 25	29.00	26.00	22.00	44.00	LIDI0025
LIDI000350156L	DN 32	35.00	32.00	25.00	50.00	LIDI0032
LIDI000410156L	DN 40	41.00	38.00	26.00	56.00	LIDI0040
LIDI000530156L	DN 50	53.00	50.00	28.00	68.50	LIDI0050
LIDI000700206L	DN 65	70.00	66.00	32.00	86.00	LIDI0065
LIDI000850206L	DN 80	85.00	81.00	37.00	100.00	LIDI0080
LIDI001040206L	DN 100	104.00	100.00	44.00	121.00	LIDI0100
LIDI001290206L	DN 125	129.00	125.00	34.00	150.00	LIDI0125
LIDI001540206L	DN 150	154.00	150.00	37.00	176.00	LIDI0150



10.3

ACL® DIN Nut

Material
1.4301


DIN Nuts

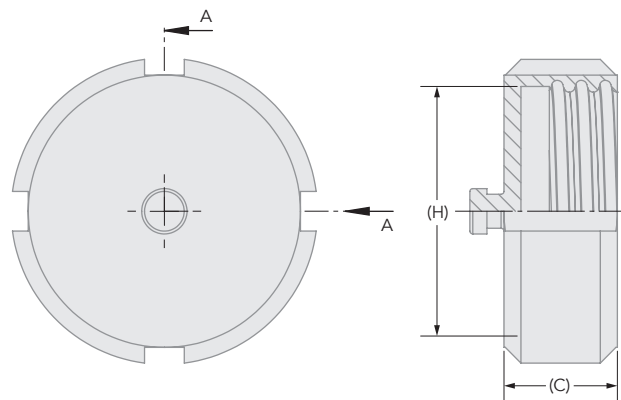
Part Number	Size	Dimension (mm)			Legacy Part Number
	Metric	ID 1 (E)	ID 2 (G)	Length (C)	
NUDI000130154L	DN 10	28.00	19.00	18.00	OMDI0010
NUDI000190154L	DN 15	34.00	25.00	18.00	OMDI0015
NUDI000230154L	DN 20	44.00	31.00	21.00	OMDI0020
NUDI000290154L	DN 25	52.00	36.00	21.00	OMDI0025
NUDI000350154L	DN 32	58.00	42.00	21.00	OMDI0032
NUDI000410154L	DN 40	65.00	49.00	21.00	OMDI0040
NUDI000530154L	DN 50	78.00	62.00	21.00	OMDI0050
NUDI000700204L	DN 65	95.00	80.00	25.00	OMDI0065
NUDI000850204L	DN 80	110.00	94.00	30.00	OMDI0080
NUDI001040204L	DN 100	130.00	115.00	31.00	OMDI0100
NUDI001290204L	DN 125	160.00	138.00	35.00	OMDI0125
NUDI001540204L	DN 150	190.00	164.00	40.00	OMDI0150



10.4

ACL® DIN Blind Nut

With Chain



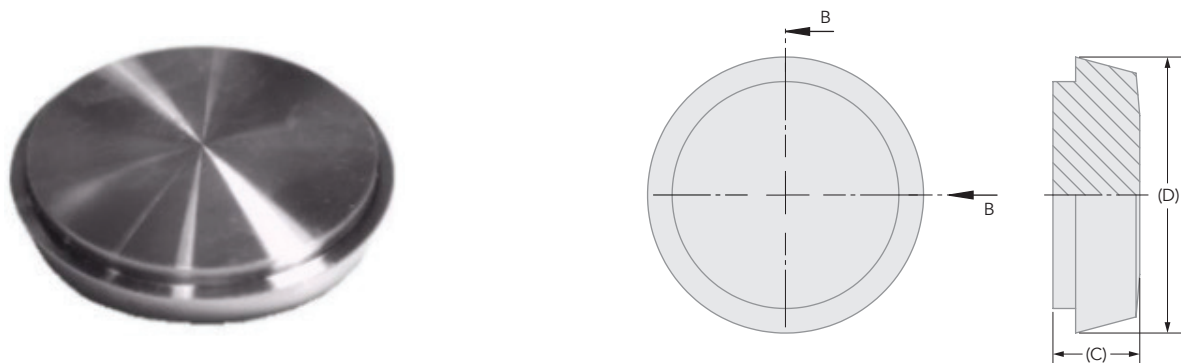
DIN Blind Nuts - with chain

Part Number	Size	Dimension (mm)		Legacy Part Number
	Metric	ID 1 (H)	Length (C)	
BNDI000130156L	DN 10	28.00	18.00	BODI0010
BNDI000190156L	DN 15	34.00	18.00	BODI0015
BNDI000230156L	DN 20	44.00	21.00	BODI0020
BNDI000290156L	DN 25	52.00	21.00	BODI0025
BNDI000350156L	DN 32	58.00	21.00	BODI0032
BNDI000410156L	DN 40	65.00	21.00	BODI0040
BNDI000530156L	DN 50	78.00	21.00	BODI0050
BNDI000700206L	DN 65	95.00	25.00	BODI0065
BNDI000850206L	DN 80	110.00	30.00	BODI0080
BNDI001040206L	DN 100	130.00	31.00	BODI0100
BNDI001290206L	DN 125	160.00	35.00	BODI0125
BNDI001540206L	DN 150	190.00	40.00	BODI0150



10.5

ACL® DIN Blank

 Material
1.4404


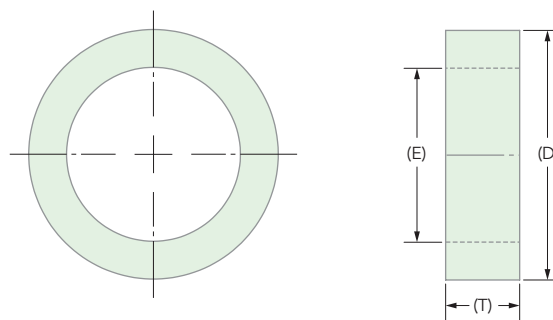
DIN Blanks

Part Number	Size	Dimension (mm)		Legacy Part Number
	Metric	OD (D)	Length (C)	
BLDI000130156L	DN 10	22.50	9.00	BKDI0010
BLDI000190156L	DN 15	28.50	9.00	BKDI0015
BLDI000230156L	DN 20	36.50	11.00	BKDI0020
BLDI000290156L	DN 25	44.00	13.00	BKDI0025
BLDI000350156L	DN 32	50.00	13.00	BKDI0032
BLDI000410156L	DN 40	56.00	13.00	BKDI0040
BLDI000530156L	DN 50	68.50	14.00	BKDI0050
BLDI000700206L	DN 65	86.00	16.00	BKDI0065
BLDI000850206L	DN 80	100.00	16.00	BKDI0080
BLDI001040206L	DN 100	121.00	20.00	BKDI0100
BLDI001290206L	DN 125	150.00	22.00	BKDI0125
BLDI001540206L	DN 150	176.00	24.00	BKDI0150



10.6.1 ACL® DIN Union Gasket

EPDM



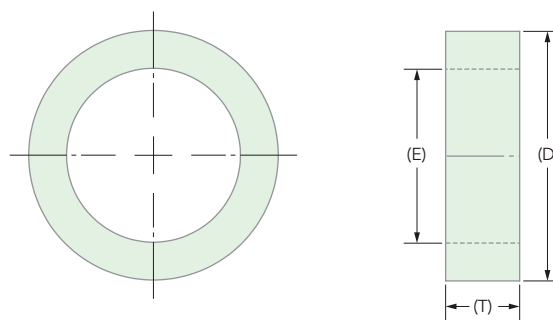
DIN Union Gaskets – EPDM

Part Number	Size	Dimension (mm)			Legacy Part Number
	Metric	OD (D)	ID (E)	Thickness (T)	
GUDI013EK	DN 10	20.00	12.00	4.50	PE.DI.0010
GUDI019EK	DN 15	26.00	18.00	4.50	PE.DI.0015
GUDI023EK	DN 20	33.00	23.00	4.50	PE.DI.0020
GUDI029EK	DN 25	40.00	30.00	5.00	PE.DI.0025
GUDI035EK	DN 32	46.00	36.00	5.00	PE.DI.0032
GUDI041EK	DN 40	52.00	42.00	5.00	PE.DI.0040
GUDI053EK	DN 50	64.00	54.00	5.00	PE.DI.0050
GUDI070EK	DN 65	81.00	71.00	5.00	PE.DI.0065
GUDI085EK	DN 80	95.00	85.00	5.00	PE.DI.0080
GUDI104EK	DN 100	114.00	104.00	6.00	PE.DI.0100
GUDI129EK	DN 125	142.00	130.00	7.00	PE.DI.0125
GUDI154EK	DN 150	167.00	155.00	7.00	PE.DI.0150



10.6.2 ACL® DIN Union Gasket

Nitrile (NBR)



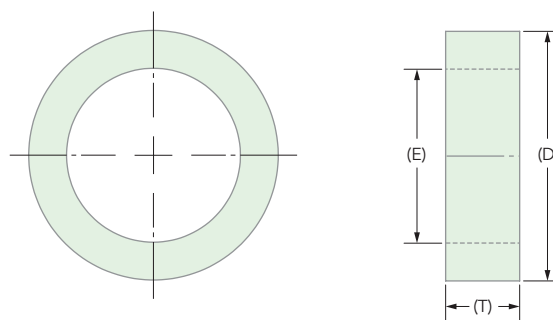
DIN Union Gaskets – Nitrile (NBR)

Part Number	Size	Dimension (mm)			Legacy Part Number
	Metric	OD (D)	ID (E)	Thickness (T)	
GUDI013BK	DN 10	20.00	12.00	4.50	
GUDI019BK	DN 15	26.00	18.00	4.50	
GUDI023BK	DN 20	33.00	23.00	4.50	
GUDI029BK	DN 25	40.00	30.00	5.00	PN.DI.0025
GUDI035BK	DN 32	46.00	36.00	5.00	
GUDI041BK	DN 40	52.00	42.00	5.00	PN.DI.0040
GUDI053BK	DN 50	64.00	54.00	5.00	PN.DI.0050
GUDI070BK	DN 65	81.00	71.00	5.00	PN.DI.0065
GUDI085BK	DN 80	95.00	85.00	5.00	PN.DI.0080
GUDI104BK	DN 100	114.00	104.00	6.00	PN.DI.0100
GUDI129BK	DN 125	142.00	130.00	7.00	
GUDI154BK	DN 150	167.00	155.00	7.00	



10.6.3 ACL[®] DIN Union Gasket

Viton (FKM)



DIN Union Gaskets – Viton (FKM)

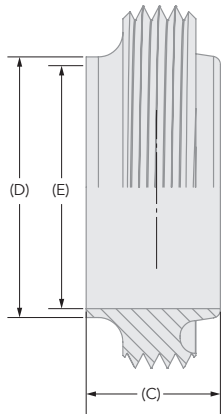
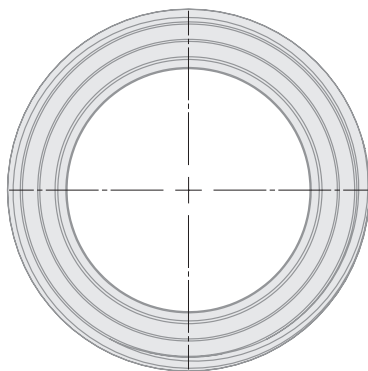
Part Number	Size	Dimension (mm)			Legacy Part Number
	Metric	OD (D)	ID (E)	Thickness (T)	
GUDI013VB	DN 10	20.00	12.00	4.50	
GUDI019VB	DN 15	26.00	18.00	4.50	
GUDI023VB	DN 20	33.00	23.00	4.50	
GUDI029VB	DN 25	40.00	30.00	5.00	PV.DI.0025
GUDI035VB	DN 32	46.00	36.00	5.00	
GUDI041VB	DN 40	52.00	42.00	5.00	PV.DI.0040
GUDI053VB	DN 50	64.00	54.00	5.00	PV.DI.0050
GUDI070VB	DN 65	81.00	71.00	5.00	PV.DI.0065
GUDI085VB	DN 80	95.00	85.00	5.00	PV.DI.0080
GUDI104VB	DN 100	114.00	104.00	6.00	PV.DI.0100
GUDI129VB	DN 125	142.00	130.00	7.00	
GUDI154VB	DN 150	167.00	155.00	7.00	



11.1

ACL® RJT Male

Material
1.4404



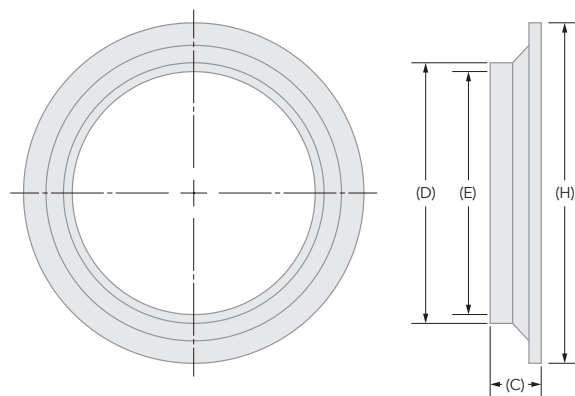
RJT Males

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	
LIRJ000250126L	1"	25.40	22.20	21.50	LIRJ0100
LIRJ000380126L	1½"	38.10	34.90	21.50	LIRJ0150
LIRJ000510126L	2"	50.80	47.60	21.50	LIRJ0200
LIRJ000630166L	2½"	63.50	60.30	21.50	LIRJ0250
LIRJ000760206L	3"	76.20	73.00	21.50	LIRJ0300
LIRJ001010206L	4"	102.00	97.60	21.50	LIRJ0400



11.2

ACL® RJT Liner

Material
1.4404


RJT Liners

Part Number	Size	Dimension (mm)				Legacy Part Number
	Imperial	OD 1 (D)	ID (E)	Length (C)	OD 2 (H)	
NIRJ000250126L	1"	25.40	22.20	12.70	40.00	NIRJ0100
NIRJ000380126L	1½"	38.10	34.90	12.70	54.00	NIRJ0150
NIRJ000510126L	2"	50.80	47.60	12.70	68.00	NIRJ0200
NIRJ000630166L	2½"	63.50	60.30	12.70	84.00	NIRJ0250
NIRJ000760206L	3"	76.20	73.00	12.70	96.00	NIRJ0300
NIRJ001010206L	4"	102.00	97.60	25.40	124.00	NIRJ0400

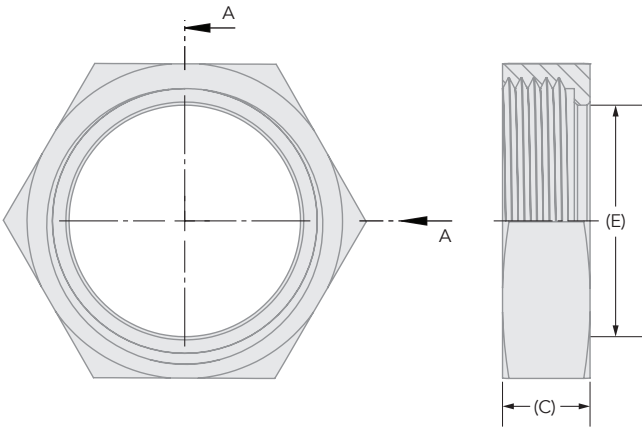


11.3.1

ACL® RJT Nut

Hex

Material
1.4301



RJT Nuts - Hex

Part Number	Size		Dimension (mm)		Legacy Part Number
	Imperial	Metric	ID (E)	Length (C)	
NURJHX0250124L	1"	25.40	22.20	22.20	OMRJ0100
NURJHX0380124L	1½"	38.10	34.90	22.20	OMRJ0150
NURJHX0510124L	2"	50.80	47.60	22.20	OMRJ0200
NURJHX0630164L	2½"	63.50	60.30	22.20	OMRJ0250
NURJHX0760204L	3"	76.20	73.00	22.20	OMRJ0300
NURJHX1010204L	4"	102.00	97.60	22.20	OMRJ0400

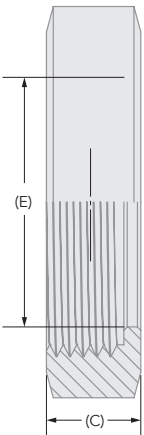
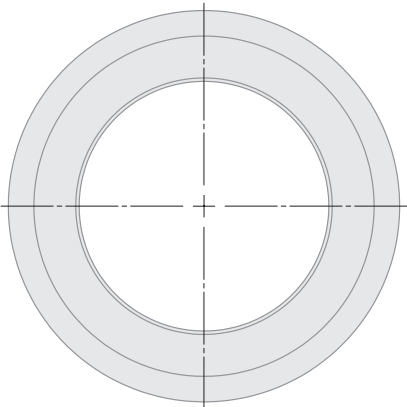


11.3.2

ACL® RJT Nut

Round

Material
1.4301



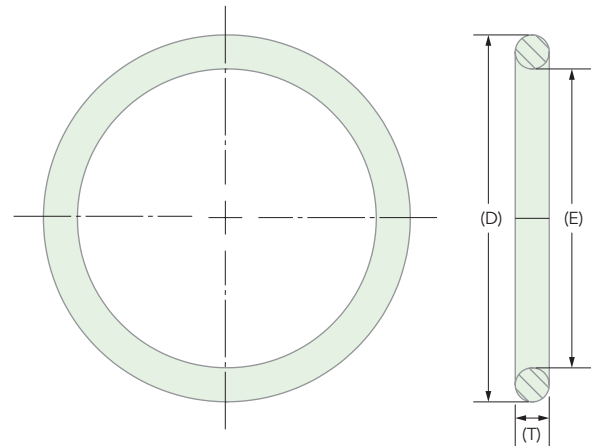
RJT Nuts - Round

Part Number	Size		Dimension (mm)		Legacy Part Number
	Imperial	Metric	ID (E)	Length (C)	
NURJ000250124L	1"	25.40	22.20	22.20	OMRJ0100R
NURJ000380124L	1½"	38.10	34.90	22.20	OMRJ0150R
NURJ000510124L	2"	50.80	47.60	22.20	OMRJ0200R
NURJ000630164L	2½"	63.50	60.30	22.20	OMRJ0250R
NURJ000760204L	3"	76.20	73.00	22.20	OMRJ0300R
NURJ001010204L	4"	102.00	97.60	22.20	OMRJ0400R



11.4.1 ACL® RJT Union Gasket

EPDM Flat-faced / EPDM



RJT Union Gaskets – EPDM Flat-faced (available on request only)

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GUFFRJ025EK	1"	39.90	26.70	6.60	PERJFL0100
GUFFRJ038EK	1½"	52.90	39.40	6.60	PERJFL0150
GUFFRJ051EK	2"	65.30	52.10	6.60	PERJFL0200
GUFFRJ063EK	2½"	78.00	64.80	6.60	PERJFL0250
GUFFRJ076EK	3"	90.70	77.50	6.60	PERJFL0300
GUFFRJ101EK	4"	116.10	102.90	6.60	PERJFL0400

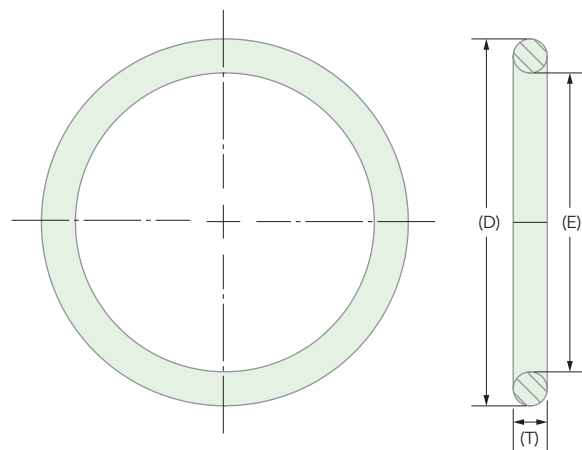
RJT Union Gaskets – EPDM

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GURJ025EK	1"	39.90	26.70	6.60	PERJ0100
GURJ038EK	1½"	52.90	39.40	6.60	PERJ0150
GURJ051EK	2"	65.30	52.10	6.60	PERJ0200
GURJ063EK	2½"	78.00	64.80	6.60	PERJ0250
GURJ076EK	3"	90.70	77.50	6.60	PERJ0300
GURJ101EK	4"	116.10	102.90	6.60	PERJ0400



11.4.2 ACL® RJT Union Gasket

NBR



RJT Union Gaskets – NBR

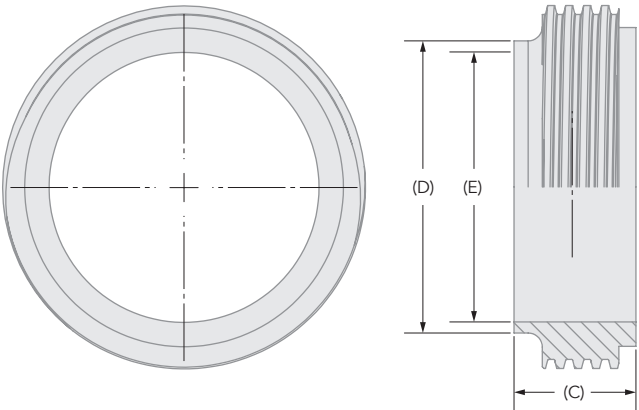
Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GURJ025NT	1"	39.90	26.70	6.60	PNRJ0100
GURJ038NT	1½"	52.90	39.40	6.60	PNRJ0150
GURJ051NT	2"	65.30	52.10	6.60	PNRJ0200
GURJ063NT	2½"	78.00	64.80	6.60	PNRJ0250
GURJ076NT	3"	90.70	77.50	6.60	PNRJ0300
GURJ101NT	4"	116.10	102.90	6.60	PNRJ0400



12.1

ACL® IDF Male

Material
1.4401



IDF Males

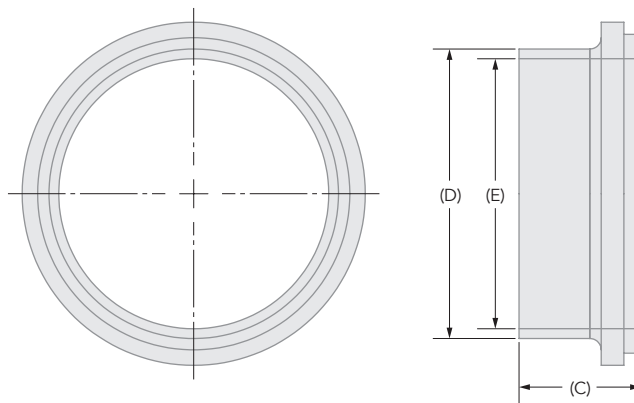
Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	
NIID000250126L	1"	25.40	22.20	21.50	NIID0100
NIID000380126L	1½"	38.10	34.90	21.50	NIID0150
NIID000510126L	2"	50.80	47.60	21.50	NIID0200
NIID000630166L	2½"	63.50	60.30	21.50	NIID0250
NIID000760206L	3"	76.20	73.00	21.50	NIID0300
NIID001010206L	4"	102.00	97.60	30.00	NIID0400



12.2

ACL® IDF Liner

Material
1.4404



IDF Liners

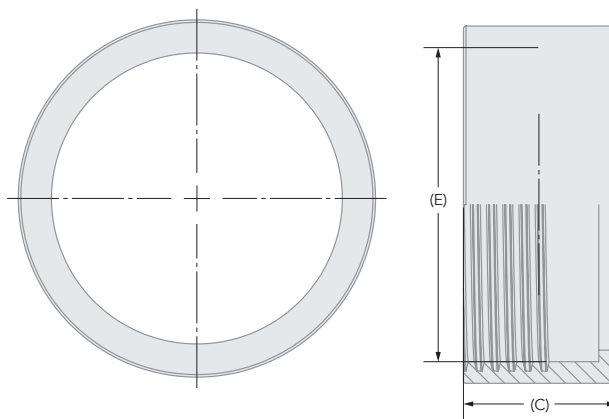
Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Length (C)	
LIID000250126L	1"	25.40	22.20	21.50	LIID0100
LIID000380126L	1½"	38.10	34.90	21.50	LIID0150
LIID000510126L	2"	50.80	47.60	21.50	LIID0200
LIID000630166L	2½"	63.50	60.30	21.50	LIID0250
LIID000760206L	3"	76.20	73.00	21.50	LIID0300
LIID001010206L	4"	102.00	97.60	30.00	LIID0400



12.3

ACL® IDF Nut

Round



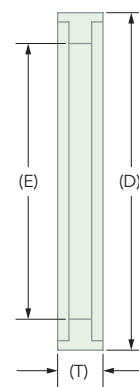
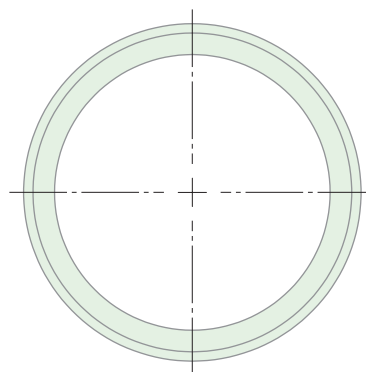
IDF Nuts

Part Number	Size		Dimension (mm)		Legacy Part Number
	Imperial	Metric	ID (E)	Length (C)	
NUID000250124L	1"	25.40	34.34	30.00	OMID0100
NUID000380124L	1½"	38.10	47.86	30.00	OMID0150
NUID000510124L	2"	50.80	61.87	30.00	OMID0200
NUID000630164L	2½"	63.50	74.88	30.00	OMID0250
NUID000760204L	3"	76.20	88.40	30.00	OMID0300
NUID001010204L	4"	102.00	122.00	35.00	OMID0400



12.4.1 ACL® IDF Union Gasket

EPDM L-shaped / T-shaped



IDF Union Gaskets – EPDM L-shaped

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GULSID025EK	1"	32.50	23.20	5.00	PEID0100-L
GULSID038EK	1½"	46.00	35.90	5.00	PEID0150-L
GULSID051EK	2"	59.50	48.60	5.00	PEID0200-L
GULSID063EK	2½"	73.00	61.30	5.00	PEID0250-L
GULSID076EK	3"	86.50	74.00	5.00	PEID0300-L
GULSID101EK	4"	119.00	98.60	5.00	PEID0400-L

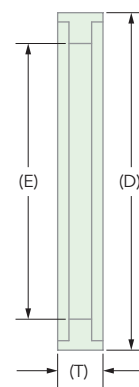
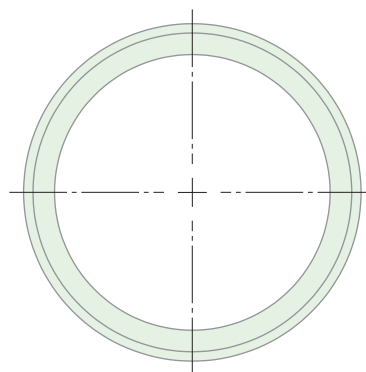
IDF Union Gaskets – EPDM T-shaped

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GUTSID025EK	1"	32.50	23.20	5.00	PEID0100
GUTSID038EK	1½"	46.00	35.90	5.00	PEID0150
GUTSID051EK	2"	59.50	48.60	5.00	PEID0200
GUTSID063EK	2½"	73.00	61.30	5.00	PEID0250
GUTSID076EK	3"	86.50	74.00	5.00	PEID0300
GUTSID101EK	4"	119.00	98.60	5.00	PEID0400



12.4.2 ACL® IDF Union Gasket

NBR L-shaped / T-shaped



IDF Union Gaskets – NBR L-shaped

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GULSID025NT	1"	32.50	23.20	5.00	PNID0100-L
GULSID038NT	1½"	46.00	35.90	5.00	PNID0150-L
GULSID051NT	2"	59.50	48.60	5.00	PNID0200-L
GULSID063NT	2½"	73.00	61.30	5.00	PNID0250-L
GULSID076NT	3"	86.50	74.00	5.00	PNID0300-L
GULSID101NT	4"	119.00	98.60	5.00	

IDF Union Gaskets – NBR T-shaped

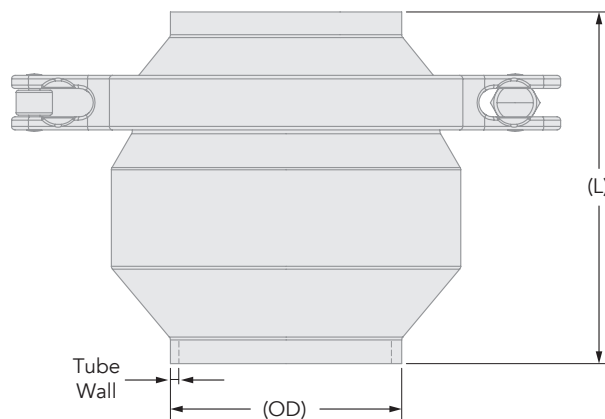
Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD (D)	ID (E)	Thickness (T)	
GUTSID025NT	1"	32.50	23.20	5.00	
GUTSID038NT	1½"	46.00	35.90	5.00	
GUTSID051NT	2"	59.50	48.60	5.00	PNID0200
GUTSID063NT	2½"	73.00	61.30	5.00	
GUTSID076NT	3"	86.50	74.00	5.00	PNID0300
GUTSID101NT	4"	119.00	98.60	5.00	PNID0400



13.1

ACL® ISO NRV Clamp

Material
316L / 1.4404

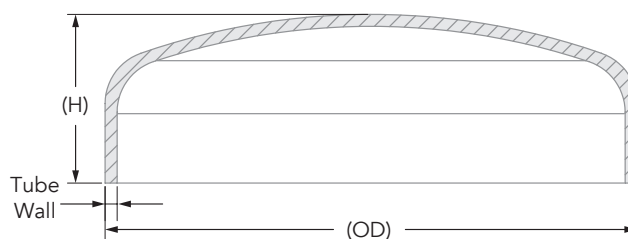


ISO NRV Clamps

Part Number	Size	Dimension (mm)			Open Bar	Legacy Part Number
	Imperial	OD	Tube Wall	B		
VANRDW195SD06	¾"	25.00	1.60	69.00	0.1-0.2	NRV.E0075
VANRDW025SD06	1"	38.00	1.60	81.00	0.1-0.2	NRV.E0100
VANRDW038SD06	1½"	51.00	1.60	90.00	0.1-0.2	NRV.E0150
VANRDW051SD06	2"	63.50	1.60	95.00	0.1-0.3	NRV.E0200
VANRDW063SD06	2½"	76.10	1.60	115.00	0.1-0.3	NRV.E0250
VANRDW076SD06	3"	101.60	2.20	155.00	0.1-0.4	NRV.E0300
VANRDW101SD06	4"	76.10	1.60	115.00	0.1-0.3	NRV.E0400



13.2 ACL® End Cap



End Caps

Part Number	Size	Dimension (mm)			Legacy Part Number
	Imperial	OD	Tube Wall	H	
DWWCS8025012SD06	1"	25.00	1.25	12.00	EC.IS.0100
DWWCS8038012SD06	1½"	38.00	1.25	15.00	EC.IS.0150
DWWCS8051012SD06	2"	51.00	1.25	19.00	EC.IS.0200
DWWCS8063016SD06	2½"	63.50	1.60	19.00	EC.IS.0250
DWWCS8076016SD06	3"	76.10	1.60	27.00	EC.IS.0300
DWWCS8101020SD06	4"	101.60	2.00	24.50	EC.IS.0400
DWWCS8101020SD06	125	129.00	2.00	34.00	EC.DI.0125
DWWCS8101020SD06	150	154.00	2.00	41.00	EC.DI.0150



13.3

ACL® Spanner



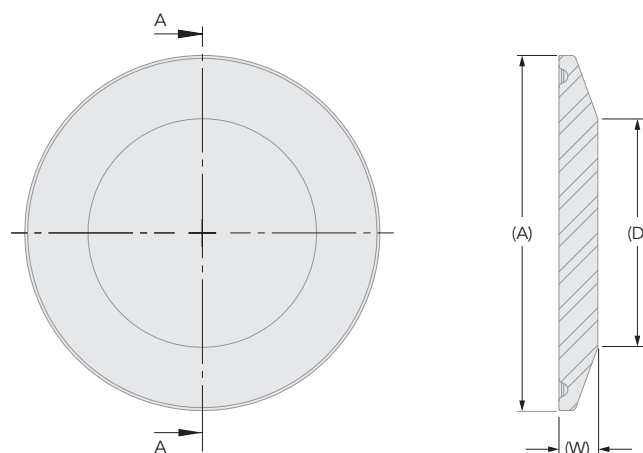
Spanners

Part Number	Size	Dimension (mm)		Legacy Part Number
		Size (Inches)	Size (DIN)	
SPSM051SD06	Small	25 - 51	25 - 50	HN.DS.02540
SPLR101SD06	Large	51 - 101.6	50 - 100	HN.DS.50100



14.1

ACL® Blank

Material
1.4404


Blanks

Part Number	Size	Dimension (mm)			Weight (kg)	Legacy Part Number
	Imperial	Face (D)	Flange (A)	Width (W)		
BKBDB4025SD6L	½"	12.50	25.40	5.60	0.02	BKD.0050
BKBDDA034SD6L	DN 10	15.50	34.00	7.00	0.03	BKD.D010
BKBDB4050SD6L	1 - 1½"	24.50	50.50	7.00	0.08	BKD.0100
BKBDB4064SD6L	2"	39.00	64.00	7.00	0.14	BKD.0200
BKBDB4077SD6L	2½"	53.50	77.50	7.00	0.21	BKD.0250
BKBDB4091SD6L	3"	66.50	91.00	7.00	0.30	BKD.0300
BKBDB4106SD6L	3½"	81.00	106.00	9.00	0.42	BKD.0350
BKBDB4119SD6L	4"	82.00	119.00	9.00	0.65	BKD.0400
BKBDB4130SD6L	4½"	95.00	130.00	10.00	0.77	BKD.0450
BKBDB4144SD6L	5"	106.00	144.40	10.00	1.10	BKD.0500
BKBDB4155SD6L	5½"	130.00	155.00	10.00	1.31	BKD.0550
BKBDB4167SD6L	6"	140.00	167.00	10.00	1.63	BKD.0600
BKBDB4183SD6L	6⅝"	158.00	183.00	10.00	1.94	BKD.0658
BKBDB4217SD6L	8"	190.00	217.40	10.00	2.77	BKD.0800
BKBDB4233SD6L	8⅝"	206.00	233.50	10.00	3.24	BKD.0858
BKBDB4268SD6L	10"	241.00	268.00	10.00	4.28	BKD.1000
BKBDB4286SD6L	10⅝"	261.00	286.10	10.00	4.92	BKD.1058
BKBDB4319SD6L	12"	311.00	319.00	10.00	6.88	BKD.1200
BKBDB4338SD6L	12⅝"	329.00	338.50	10.00	8.70	BKD.1258

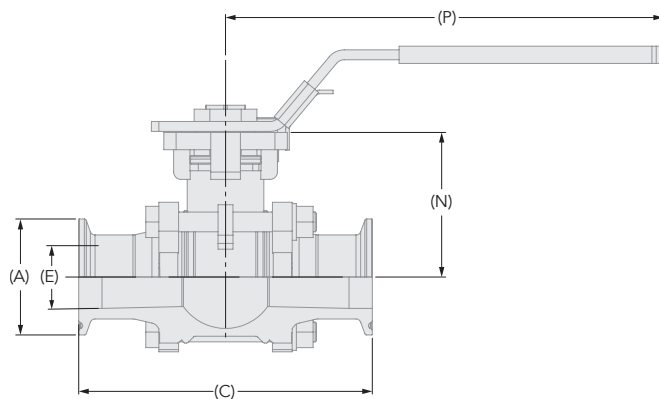


15.1

ACL® 3-Piece Ball Valve

Ferrule Ended

Material
316L / 1.4404



3-Piece Ball Valves

Part Number	Size	Dimension (mm)				
	Imperial	(E)	Flange (A)	Handle Length (P)	Length (C)	Handle Height (N)
VC3PDF0251276L	½"	9.40	25.40	130.00	90.40	36.40
VC3PDF0251956L	¾"	15.75	25.40	130.00	103.20	42.80
VC3PDF0500256L	1"	22.10	50.50	170.00	114.00	51.15
VC3PDF0500316L	1¼"	28.40	50.50	170.00	126.00	61.00
VC3PDF0500386L	1½"	34.80	50.50	213.00	136.70	71.75
VC3PDF0640516L	2"	47.50	64.00	213.00	153.20	79.50
VC3PDF0770636L	2½"	60.20	77.50	213.00	167.20	93.75
VC3PDF0910766L	3"	72.90	91.00	320.00	192.10	109.75
VC3PDF1191016L	4"	97.40	119.00	320.00	239.00	122.75

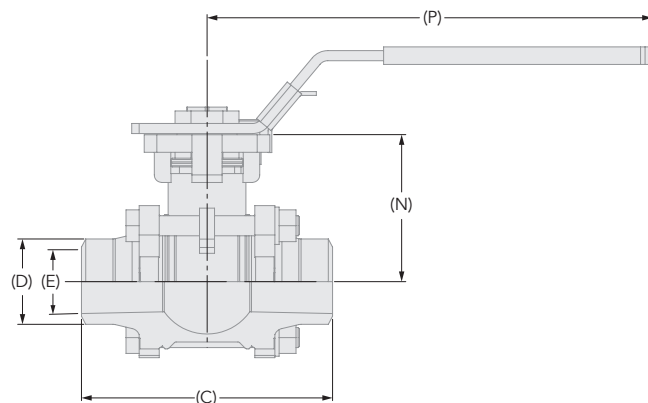


15.2

ACL® 3-Piece Ball Valve

Weld End

Material
316L / 1.4404



3-Piece Ball Valves – Weld End

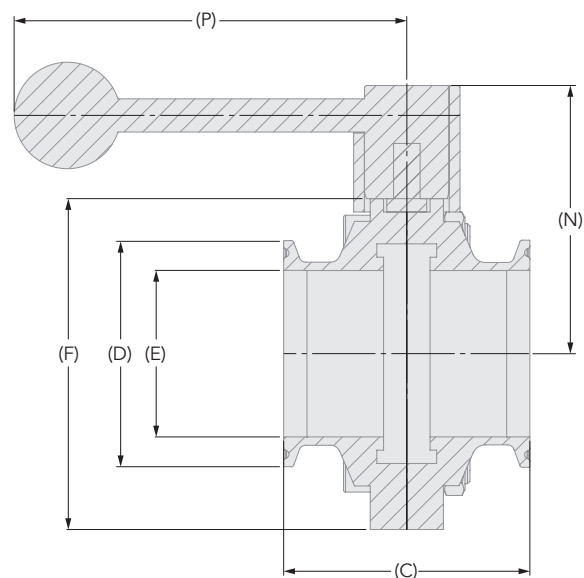
Part Number	Size	Dimension (mm)				
	Imperial	ID (E)	OD (D)	Handle Length (P)	Length (C)	Handle Height (N)
VC3PDW0251276L	½"	9.40	12.70	131.00	90.40	36.40
VC3PDW0251956L	¾"	15.75	19.05	131.00	103.20	42.80
VC3PDW0500256L	1"	22.10	25.40	169.00	114.00	51.15
VC3PDW0500316L	1¼"	28.40	31.80	169.00	126.00	61.00
VC3PDW0500386L	1½"	34.80	38.10	213.00	136.70	71.75
VC3PDW0640516L	2"	47.50	50.80	213.00	153.20	79.50
VC3PDW0770636L	2½"	60.20	63.50	213.00	167.20	93.75
VC3PDW0910766L	3"	72.90	76.20	320.00	192.10	109.75
VC3PDW1191016L	4"	97.40	101.60	320.00	239.00	122.75



15.3

ACL® Butterfly Valve

Material
316L / 1.4404



Butterfly Valves

Part Number	Size	Dimension (mm)					
	Imperial	Body (F)	Flange (D)	Length (C)	Handle Height (N)	ID (E)	Handle Length (P)
VCBVDF0251276L	½"	78.00	25.40	66.00	39.00	9.40	127.00
VCBVDF0251956L	¾"	78.00	25.40	66.00	39.00	15.80	127.00
VCBVDF0500256L	1"	78.00	50.50	66.00	39.00	22.10	127.00
VCBVDF0500386L	1½"	86.00	50.50	70.00	43.00	34.80	127.00
VCBVDF0640516L	2"	100.00	64.00	76.00	50.00	47.50	135.00
VCBVDF0770636L	2½"	115.00	77.50	80.00	57.50	60.20	135.00
VCBVDF0910766L	3"	128.00	91.00	84.00	64.00	72.90	135.00
VCBVDF1191016L	4"	154.00	119.00	104.00	77.00	97.40	162.00

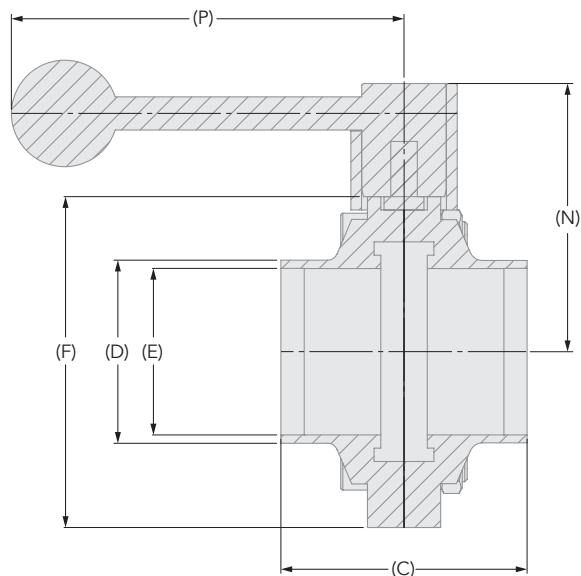


15.4

ACL® Butterfly Valve

Weld End

Material
316L / 1.4404



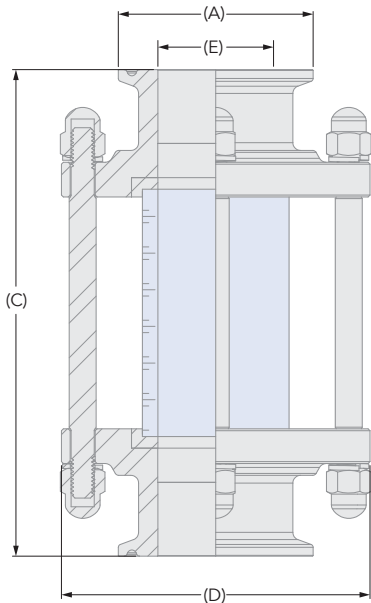
Butterfly Valves – Weld End

Part Number	Size	Dimension (mm)					
	Imperial	Body (F)	OD (D)	Length (C)	Handle Height (N)	ID (E)	Handle Length (P)
VCBVDW0251276L	½"	78.00	12.70	50.00	73.00	9.40	127.00
VCBVDW0251956L	¾"	78.00	19.05	50.00	73.00	15.80	127.00
VCBVDW0500256L	1"	78.00	25.40	50.00	73.00	22.10	127.00
VCBVDW0500386L	1½"	86.00	38.10	50.00	77.00	34.80	127.00
VCBVDW0640516L	2"	100.00	50.80	52.00	85.00	47.50	135.00
VCBVDW0770636L	2½"	115.00	63.50	56.00	92.50	60.20	135.00
VCBVDW0910766L	3"	128.00	76.20	56.00	99.00	72.90	135.00
VCBVDW1191016L	4"	154.00	101.60	64.00	122.00	97.40	162.00



15.5 ACL® Sight Glass

Material
316L / 1.4404



Sight Glasses

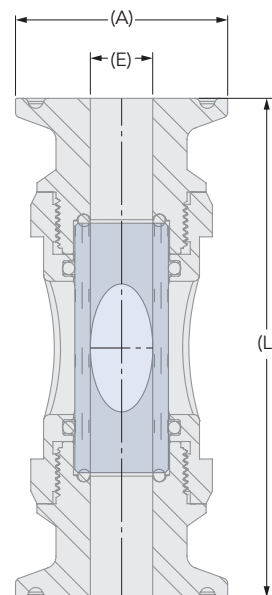
Part Number	Size	Dimension (mm)			
	Imperial	ID (E)	Flange (A)	OD (D)	Length (C)
SGFDPS0500256L	1"	22.10	50.50	78.00	154.00
SGFDPS0500386L	1½"	34.80	50.50	86.00	158.00
SGFDPS0640516L	2"	47.50	64.00	100.00	164.00
SGFDPS0770636L	2½"	60.20	77.50	115.00	164.00
SGFDPS0910766L	3"	72.90	91.00	126.00	170.00
SGFDPS1191016L	4"	97.60	119.00	156.00	188.00



15.6

ACL® Small Sight Glass

Material
316L / 1.4404



Small Sight Glasses

Part Number	Size	Dimension (mm)		
	Imperial	Flange (A)	ID (E)	Length (L)
SGSDPS0251276L	½"	25.00	10.00	90.00
SGSDPS0251956L	¾"	25.00	16.10	102.40
SGSDPS0500256L	1"	50.50	22.20	113.80
SGSDPS0500386L	1½"	50.50	34.80	137.20
SGSDPS0640516L	2"	64.00	47.50	140.00
SGSDPS0770636L	2½"	77.50	60.20	140.00
SGSDPS0910766L	3"	91.00	72.90	150.00
SGSDPS1191016L	4"	119.00	97.60	160.00

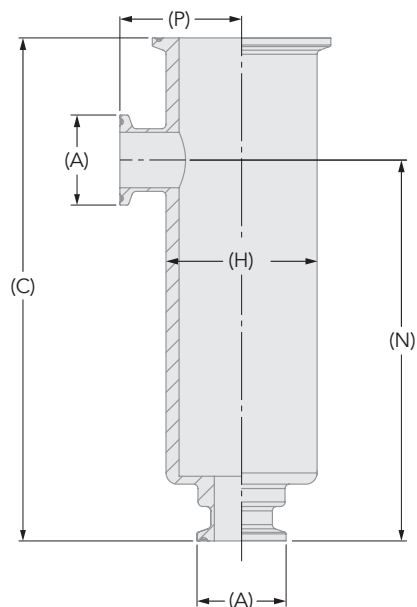


15.7

ACL® Angle Filter

Ferrule Ended

Material
316L / 1.4404



Angle Filters

Part Number	Size	Dimension (mm)				
	Imperial	Length (C)	Distance (N)	Flange (A)	Width (H)	Distance 2 (P)
FCM6DW0500256L	1"	341.00	250.00	50.50	76.00	88.70
FCM6DW0500386L	1½"	341.00	250.00	50.50	76.00	88.70
FCM6DW0640516L	2"	362.00	276.70	64.00	89.00	101.60
FCM6DW0770636L	2½"	472.70	342.70	77.50	101.60	114.30
FCM6DW0910766L	3"	522.70	377.50	91.00	114.30	127.00
FCM6DW1191016L	4"	656.00	486.00	119.00	140.00	156.00
FCM6DW1671546L	6"	644.50	462.50	167.00	204.00	251.00

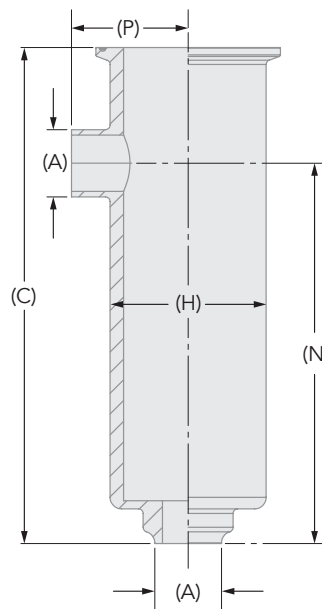


15.8

ACL® Angle Filter

Weld End

Material
316L / 1.4404



Angle Filters – Weld End

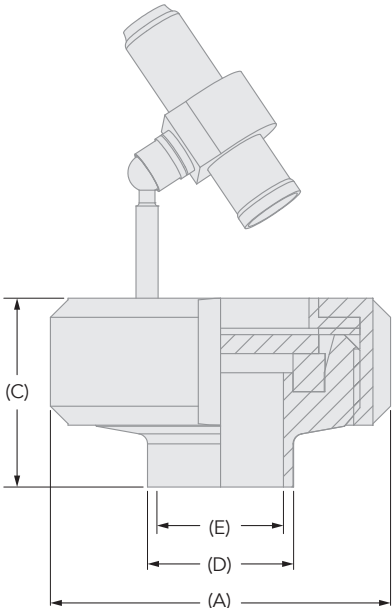
Part Number	Size	Dimension (mm)				
	Imperial	Length (C)	Distance (N)	OD (A)	Width (H)	Distance 2 (P)
FCM6DF0500256L	1"	344.00	249.00	25.40	76.00	76.00
FCM6DF0500386L	1½"	344.00	249.00	38.10	76.00	76.00
FCM6DF0640516L	2"	369.00	264.00	50.80	89.00	89.00
FCM6DF0770636L	2½"	460.00	330.00	63.50	101.60	101.60
FCM6DF0910766L	3"	510.00	365.00	76.20	114.30	114.30
FCM6DF1191016L	4"	640.00	470.00	101.60	140.00	140.00



15.9

ACL® DIN Union Sight Glass with Light

Material
316L / 1.4404



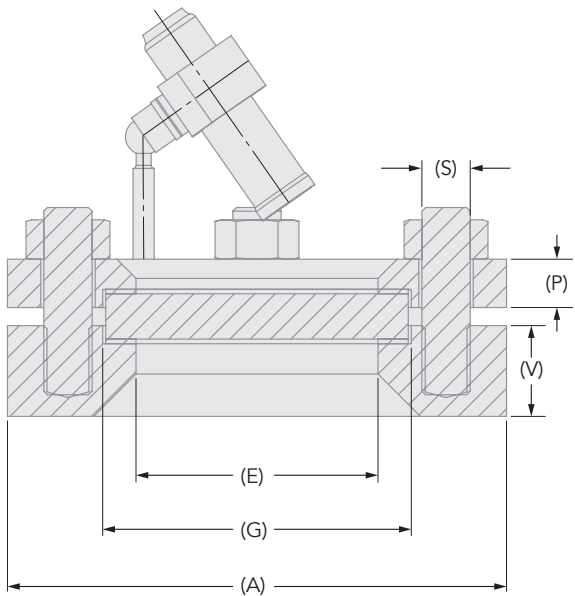
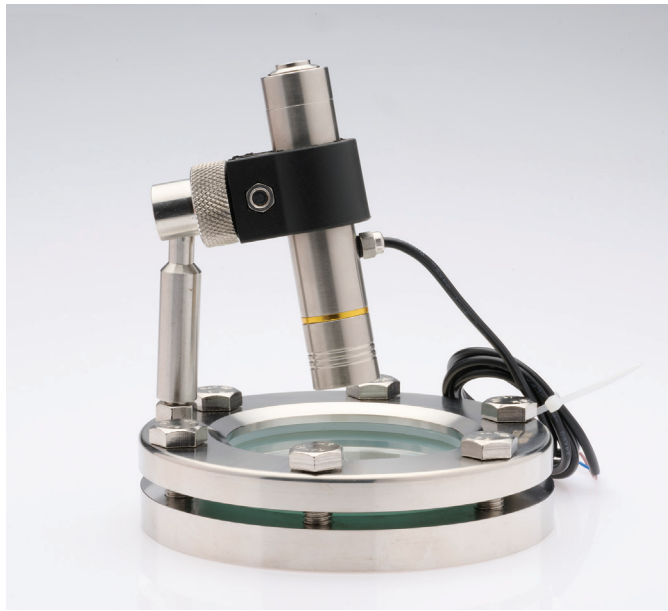
DIN Union Sight Glasses with Light

Part Number	Size	Dimension (mm)			
	Metric	OD 2 (A)	OD (D)	ID (E)	Height (C)
SGUG00025SD6L	Ø25	51.00	25.40	22.40	30.00
SGUG00038SD6L	Ø38	74.00	38.10	35.10	33.00
SGUG00051SD6L	Ø51	84.00	50.80	47.80	36.50
SGUG00063SD6L	Ø63	100.00	63.50	59.50	39.00
SGUG00077SD6L	Ø76	114.00	76.20	72.20	39.00
SGUG00101SD6L	Ø102	138.00	101.60	97.60	43.00
SGUG00154SD6L	Ø152	210.00	152.40	146.80	55.00



15.10 ACL® Sight Glass with Light

Material
316L / 1.4404



Sight Glasses with Light

Part Number	Size	Dimension (mm)				
	Metric	OD (A)	Viewing Diameter (E)	Thickness (P)	Thickness 2 (V)	Glass Size (G)
SGEGPS0501056L	50	105.00	50.00	12.00	14.00	Ø65 x 10
SGEGPS0651156L	65	115.00	65.00	12.00	14.00	Ø80 x 10
SGEGPS0801406L	80	140.00	80.00	12.00	14.00	Ø100 x 12
SGEGPS1001606L	100	160.00	100.00	12.00	14.00	Ø120 x 12
SGEGPS1251806L	125	180.00	125.00	12.00	16.00	Ø140 x 12
SGEGPS1502106L	150	210.00	150.00	12.00	16.00	Ø170 x 15
SGEGPS2002606L	200	260.00	200.00	12.00	16.00	Ø220 x 15





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