

ZheJiang Hico Industrial Equipment Co.,Ltd
Profile

We are a professional valve fittings suppliers,we had over 25 year design,Sales and manufacturing experience . Zhejiang Hico industry located in the" China Valve City" ,Wenzhou City. Binhai Industry Zone,Where is the most biggest Industry Zone in Wenzhou.

Hico specializes in designing, producing and selling high-precision sanitary valve, butterfly valves, Diaphragm valve, check valves, sample valve,sanitary fittings, sanitary unions, tri-clamp unions, elbows, tees and all kinds of valves and pipeline connectors. They are widely used in food, beverage, pharmaceutical, bio engineering, water treatment, and other industries.



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Professional sanitary valves&fittings supplier,supply and marketing worldwide.





The quality of the product is the first

Hygienic tubes&fittings for food&Life Sciences



XKKGK brand Move forward with Quality



Zhejiang Hico Industrial Equipment Co.,Ltd is a design development,manufacturing and sales Service company,we are a professional valve fittings suppliers,we had over 25 year design, Sales and manufacturing experience .

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All of our products are strictly designed and manufactured according to international standards, such as DIN, SMS, 3A, IDF, ISO and RJT. The quality meets the full requirements of GMP, ISO9001 and CE safety standards. Our products are well recognized by clients in Europe, South America, North America, Southeast Asia, the Middle East countries and so on.

Honestly, quality and development are our company culture. HICO people always perfectly combine the high-quality materials, sophisticated designs, strict manufacture process with a quality assurance system, and try our best to offer the best and high-quality products to our customers.

How XKKGK is saying" Quality "

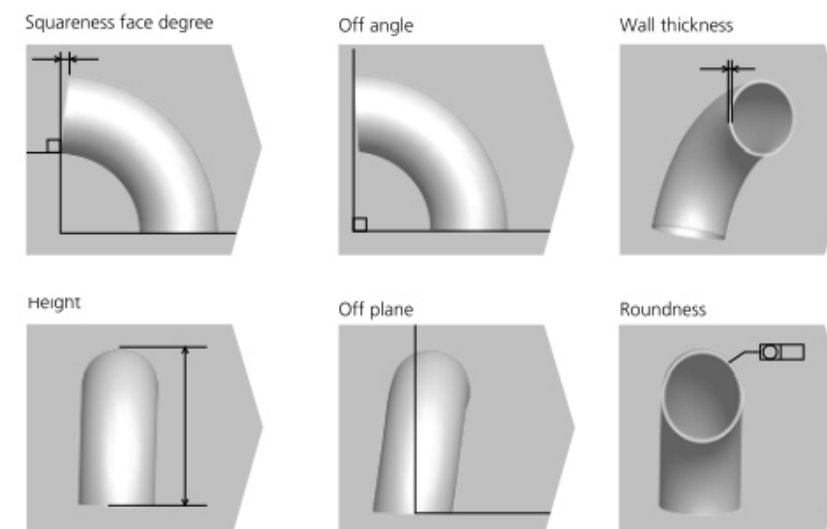
Essentials to tracing of materials

We use raw material spectrum scanner to test the originality of materials of products.Products raw material have numbers for tracking and tracing.

Each Xkgk products has a heat number that is uploaded on Xkgk's website.Customers can vist our website,enter the heat number of a specific product and to understand the product.



Every process undergoes a detailed amplification examination





Content

Guide for choosing



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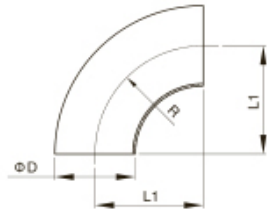
Sanitary Pipe-Fittings



Application industry

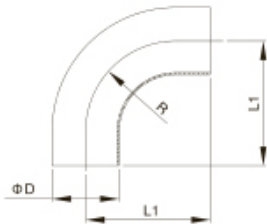


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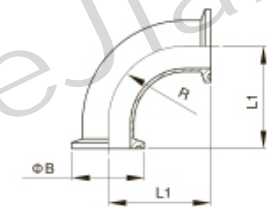
90° Welded Elbow DIN No.XKGGK-9001

Size	L1	D	R
DN10	26.0	12.0	26.0
DN15	35.0	18.0	35.0
DN20	40.0	22.0	40.0
DN25	50.0	28.0	50.0
DN32	55.0	34.0	55.0
DN40	60.0	40.0	60.0
DN50	70.0	52.0	70.0
DN65	80.0	70.0	80.0
DN80	90.0	85.0	90.0
DN100	100.0	104.0	100.0
DN125	187.0	129.0	187.0
DN150	225.0	154.0	225.0
DN200	300	204	300
DN250	375	254	375
DN300	450	306	450



90° Welded Elbow With Straight Ends DIN No.XKGGK-9002

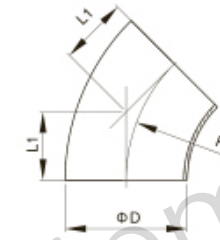
Size	L1	D	R
DN10	38.0	12.0	26.0
DN15	47.0	18.0	35.0
DN20	52.0	22.0	40.0
DN25	70.0	28.0	50.0
DN32	78.0	34.0	55.0
DN40	85.0	40.0	60.0
DN50	97.0	52.0	70.0
DN65	110.0	70.0	80.0
DN80	118.0	85.0	90.0
DN100	140.0	104.0	100.0



90° Clamped Elbow DIN No.XKGGK-9003

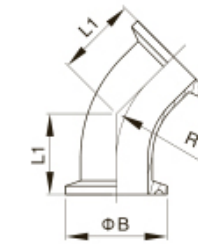
Size	L1	R	D
DN15	53.0	34.0	35.0
DN20	58.0	34.0	40.0
DN25	71.0	50.5	50.0
DN32	76.5	50.5	55.0
DN40	81.5	50.5	60.0
DN50	91.5	64.0	70.0
DN65	108.0	91.0	80.0
DN80	118.0	106.0	90.0
DN100	128.0	119.0	100.0

1.0



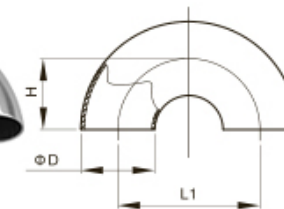
45° Welded Elbow DIN No.XKGGK-9004

Size	L1	D	R
DN10	10.7	12.0	26.0
DN15	14.5	18.0	35.0
DN20	16.5	22.0	40.0
DN25	20.7	28.0	50.0
DN32	22.8	34.0	55.0
DN40	24.8	40.0	60.0
DN50	29.0	52.0	70.0
DN65	33.2	70.0	80.0
DN80	37.3	85.0	90.0
DN100	41.5	104.0	100.0
DN125	77.5	129.0	187.0
DN150	93.2	154.0	225.0



45° Clamped Elbow DIN No.XKGGK-9005

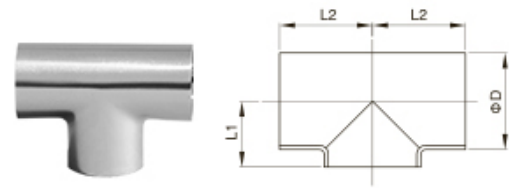
Size	L1	R	D
DN20	34.5	34.0	40.0
DN25	42.2	50.5	50.0
DN32	44.3	50.5	55.0
DN40	46.3	50.5	60.0
DN50	50.5	64.0	70.0
DN65	61.2	91.0	80.0
DN80	65.3	106.0	90.0
DN100	69.5	119.0	100.0



180° Welded Elbow DIN No.XKGGK-9006

Size	L1	D	H
DN10	52.0	12.0	26.0
DN15	70.0	18.0	35.0
DN20	80.0	22.0	40.0
DN25	100.0	28.0	50.0
DN32	110.0	34.0	55.0
DN40	120.0	40.0	60.0
DN50	140.0	52.0	70.0
DN65	160.0	70.0	80.0
DN80	180.0	85.0	90.0
DN100	200.0	104.0	100.0
DN125	375.0	129.0	187.5
DN150	450.0	154.0	225.0

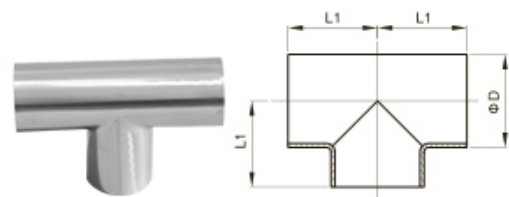
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Short welded Tee DIN No.XK GK-9007

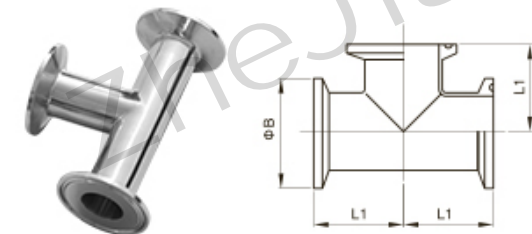
Size	L1	L2	eD
DN10	7.5	26.0	12.0
DN15	10.5	35.0	18.0
DN20	12.5	40.0	22.0
DN25	16.0	50.0	28.0
DN32	19.5	55.0	34.0
DN40	22.5	60.0	40.0
DN50	30.0	70.0	52.0
DN65	39.5	80.0	70.0
DN80	47.5	90.0	85.0
DN100	58.0	100.0	104.0
DN125	70.5	187.0	129.0
DN150	83.0	225.0	154.0

Long welded Tee DIN No.XK GK-9008



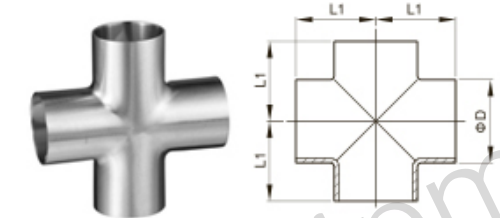
Size	L1	eD
DN10	26.0	12.0
DN15	35.0	18.0
DN20	40.0	22.0
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0
DN125	187.0	129.0
DN150	225.0	154.0

Clamped Tee DIN No.XK GK-9009



Size	L1	eB
DN15	53.0	34.0
DN20	58.0	34.0
DN25	71.5	50.5
DN32	76.5	50.5
DN40	81.5	50.5
DN50	91.5	64.0
DN65	108.0	91.0
DN80	118.0	106.0
DN100	128.0	119.0

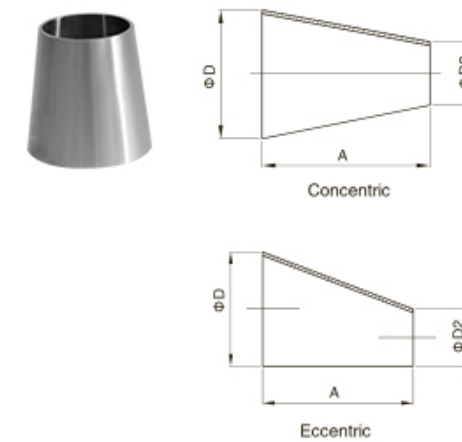
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Welded Cross DIN No.XK GK-9010

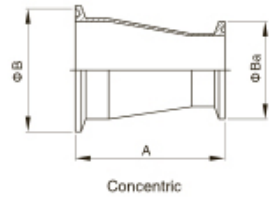
Size	L1	eD
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0

Welded Reducer DIN No.XK GK-9011

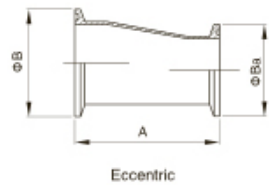


Size	A	eD	eD2
DN20/15	7.0	22.0	18.0
DN25/20	11.0	28.0	22.0
DN32/20	22.0	34.0	22.0
DN32/25	11.0	34.0	28.0
DN40/20	33.0	40.0	22.0
DN40/25	22.0	40.0	28.0
DN40/32	11.0	40.0	34.0
DN50/25	44.0	52.0	28.0
DN50/32	33.0	52.0	34.0
DN50/40	22.0	52.0	40.0
DN65/25	73.0	70.0	28.0
DN65/32	62.0	70.0	34.0
DN65/40	51.0	70.0	40.0
DN65/50	29.0	70.0	52.0
DN80/40	78.0	85.0	40.0
DN80/50	56.0	85.0	52.0
DN80/65	27.0	85.0	70.0
DN100/50	90.0	104.0	52.0
DN100/65	61.0	104.0	70.0
DN100/80	34.0	104.0	85.0

1.0



Concentric



Eccentric

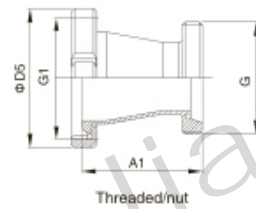
Clamped Reducer

DIN No.XKKG-9012

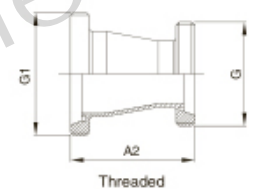
Size	A	B	B ₁
DN20/15	86.0	34.0	34.0
DN25/20	86.0	50.5	34.0
DN32/20	106.0	50.5	34.0
DN32/25	106.0	50.5	50.5
DN40/20	128.0	50.5	34.0
DN40/25	128.0	50.5	50.5
DN40/32	128.0	50.5	50.5
DN50/25	141.0	64.0	50.5
DN50/32	141.0	64.0	50.5
DN50/40	141.0	64.0	50.5
DN65/25	151.0	91.0	50.5
DN65/32	151.0	91.0	50.5
DN65/40	146.0	91.0	50.5
DN65/50	146.0	91.0	64.0
DN80/40	166.0	106.0	50.5
DN80/50	151.0	106.0	64.0
DN80/65	146.0	106.0	91.0
DN100/50	192.0	119.0	64.0
DN100/65	159.0	119.0	91.0
DN100/80	152.0	119.0	106.0

Union-type Reducer

DIN No.XKKG-9013



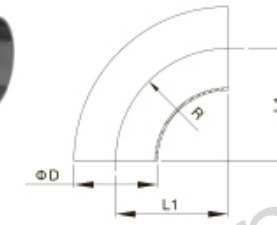
Threaded/nut



Threaded

Size	D ₅	A ₂	G ₁
DN20/15	93.0	RD34 × 1/8	54.0
DN25/20	97.0	RD44 × 1/6	62.0
DN32/20	117.0	RD44 × 1/6	68.0
DN32/25	118.0	RD52 × 1/6	68.0
DN40/20	139.0	RD44 × 1/6	78.0
DN40/25	140.0	RD52 × 1/6	78.0
DN40/32	140.0	RD58 × 1/6	78.0
DN50/25	153.0	RD52 × 1/6	92.0
DN50/32	153.0	RD58 × 1/6	92.0
DN50/40	153.0	RD65 × 1/6	92.0
DN65/25	163.0	RD52 × 1/6	110.0
DN65/32	163.0	RD58 × 1/6	110.0
DN65/40	158.0	RD65 × 1/6	110.0
DN65/50	158.0	RD78 × 1/6	110.0
DN80/40	181.0	RD65 × 1/6	126.0
DN80/50	166.0	RD78 × 1/6	126.0
DN80/65	183.0	RD95 × 1/6	126.0
DN100/50	195.0	RD78 × 1/6	146.0
DN100/65	174.0	RD95 × 1/6	146.0
DN100/80	170.0	RD110 × 1/4	146.0

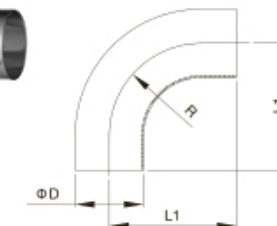
1.1



90° Welded Elbow

SMS No.XKKG-9014

Size	L ₁	D	R
25	38.1	25.4	38.1
32	47.7	31.8	47.7
38	57.1	38.1	57.1
51	76.2	50.8	76.2
63	95.2	63.5	95.2
76	114.3	76.2	114.3
102	152.4	101.6	152.4



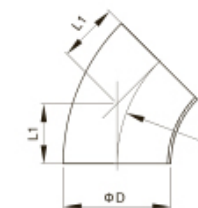
90°Welded Elbow with straight ends

SMS No.XKKG-9015

Size	L ₁	D	R
25	55.0	25.4	32.0
38	70.0	38.1	45.0
51	82.0	50.8	58.0
63	105.0	63.5	70.0
76	110.0	76.2	76.0
102	150.0	101.6	110.0

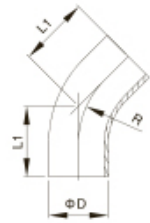
45° Short welded Elbow

SMS No.XKKG-9016



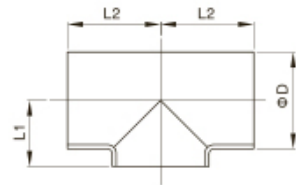
Size	L ₁	D	R
25	15.5	25.4	38.1
38	23.6	38.1	57.2
51	31.6	50.8	76.2
63	39.5	63.5	95.3
76	47.2	76.2	114.3
102	63.0	101.6	152.4

1.1



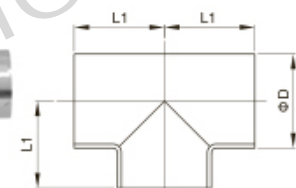
45° Long welded Elbow SMS No.XK GK-9017

Size	L1	R	øD
25	42.5	25.4	38.7
38	56.8	38.1	57.2
51	68.6	50.8	76.2
63	78.4	63.5	95.2
76	85.2	76.2	114.3
102	103.0	101.6	152.4



Short welded Tee SMS No.XK GK-9018

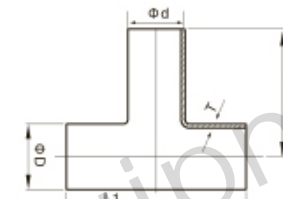
Size	L1	L2	øD
25	15.0	55.0	25.4
38	21.5	70.0	38.1
51	29.0	82.0	50.8
63	36.0	105.0	63.5
76	43.0	110.0	76.2
102	57.0	150.0	101.6



Long welded Tee SMS No.XK GK-9019

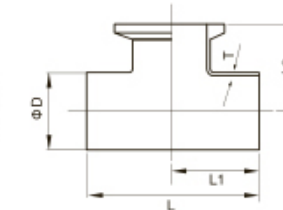
Size	L1	L2	øD
25	55.0	25.4	
38	70.0	38.1	
51	82.0	50.8	
63	105.0	63.5	
76	110.0	76.2	
102	150.0	101.6	

1.1



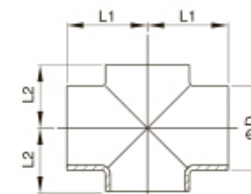
Reducing Welded Tee SMS No.XK GK-9020

Size	L1	L2	øD	ød	T
25x19	110	55.0	25.0	19.05	1.25
38x19	140	70.0	38.0	19.05	1.25
38x25	140	70.0	38.0	25.0	1.25
51x25	164	82.0	51.0	25.0	1.25
51x38	164	82.0	51.0	38.0	1.25
63.5x25	210	105.0	63.5	25.0	1.5
63.5x38	210	105.0	63.5	38.0	1.5
63.5x51	210	105.0	63.5	51.0	1.5
76.1x25	220	110.0	76.1	25.0	1.6
76.1x38	220	110.0	76.1	38.0	1.6
76.1x51	220	110.0	76.1	51.0	1.6
76.1x63	220	110.0	76.1	63.0	1.6
101.6x51	300	150.0	101.6	51.0	2.0
101.6x63	300	150.0	101.6	63.5	2.0
101.6x76	300	150.0	101.6	76.1	2.0



Single Outlet Tee Short Clip SMS No.XK GK-9021

Size	L	L1	øD	L2	T
25.0	110.0	55.0	25.0	26.7	1.25
38.0	140.0	70.0	38.0	33.7	1.25
51.0	164.0	82.0	51.0	41.2	1.25
63.0	210.0	105.0	63.5	48.0	1.5
76.0	220.0	110.0	76.1	54.2	1.5
101.6	300.0	150.0	101.6	70.5	1.5
101.6	300.0	150.0	104.0	73.3	1.6



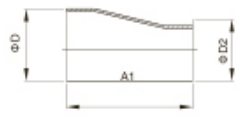
Welded Cross SMS No.XK GK-9022

Size	L1	L2	øD
25	55.0	15.0	25.4
38	70.0	21.5	38.1
51	82.0	29.0	50.8
63.5	105.0	36.0	63.5
76.2	110.0	43.0	76.2
102	150.0	57.0	101.6

1.1



Concentric



Eccentric

Welded Reducer SMS No.XKKG-9023

Size	A	A1	D	D2
1.5" / 1.0"	39.0	46.0	38.1	25.4
2.0" / 1.0"	57.0	68.0	50.8	25.4
2.0" / 1.5"	39.0	47.0	50.8	38.1
2.5" / 1.0"	74	92	63.5	25.4
2.5" / 1.5"	57.0	70.0	63.5	38.1
2.5" / 2.0"	39.0	44.0	63.5	50.8
3.0" / 1.0"	92	117	76.2	25.4
3.0" / 1.5"	74.0	92.0	76.2	38.1
3.0" / 2.0"	57.0	68.0	76.2	50.8
3.0" / 2.5"	39.0	47.0	76.2	63.5
4.0" / 2.0"	95.0	117.0	101.6	50.8
4.0" / 2.5"	78.0	94.0	101.6	63.5
4.0" / 3.0"	60.0	74.0	101.6	76.2

Concentric Reducers (Long) SMS No.XKKG-9024

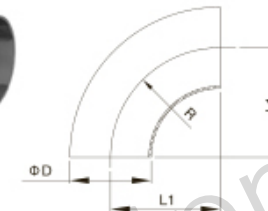
Size	øD	øD2	L	T
25x19	25.0	19.05	85.0	1.25
38x19	38.0	19.05	85.0	1.25
38x25	38.0	25.0	99.0	1.25
51x25	51.0	25.0	117.0	1.25
51x38	51.0	38.0	99.0	1.25
63.5x25	63.5	25.0	134.0	1.5
63.5x38	63.5	38.0	117.5	1.5
63.5x51	63.5	51.0	99.0	1.5
76.1x25	76.1	25.0	152.0	1.6
76.1x38	76.1	38.0	134.0	1.6
76.1x51	76.1	51.0	117.0	1.6
76.1x63	76.1	63.5	99.0	1.6
102x51	102.0	51.0	155.0	2.0
102x63	102.0	63.5	138.0	2.0
102x76	102.0	76.1	120.0	2.0

Eccentric Reducers (Long) SMS No.XKKG-9025

Size	øD	ød	L	T
38x25	38.0	25.0	106.0	1.25
51x25	51.0	25.0	128.0	1.25
51x38	51.0	38.0	107.0	1.25
63.5x25	63.5	25.0	150.5	1.5
63.5x38	63.5	38.0	130.0	1.5
63.5x51	63.5	51.0	104.0	1.5
76.1x38	76.1	38.0	149.0	1.6
76.1x51	76.1	51.0	128.0	1.6
76.1x63	76.1	63.5	107.0	1.6
101x51	101.6	51.0	177.0	2.0
101x63	101.6	63.5	154.0	2.0
101x76	101.6	76.1	134.0	2.0
102x51	102.0	51.0	177.0	2.0
102x63	102.0	63.5	154.0	2.0
102x76	102.0	76.1	134.0	2.0

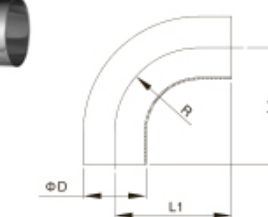


1.2



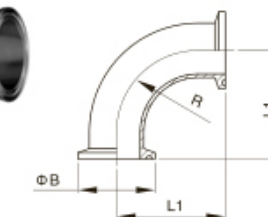
90° Welded Elbow 3A No.XKKG-9026

Size	L1	R
1/2"	19.1	12.7
3/4"	28.6	19.1
1"	38.1	25.4
1 1/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	95.3	63.5
3"	114.3	76.2
4"	152.4	101.6
5"	190.5	127.0
6"	228.6	152.4



90° Welded Elbow with straight ends 3A No.XKKG-9027

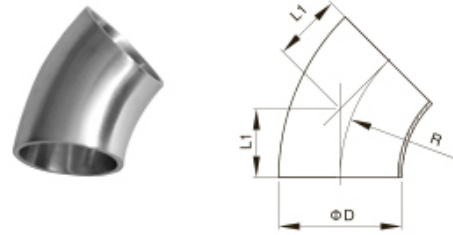
Size	L1	R
1/2"	25.4	12.7
3/4"	38.1	19.1
1"	52.4	25.4
1 1/2"	74.6	38.1
2"	103.2	50.8
2 1/2"	131.8	63.5
3"	160.3	76.2
4"	211.1	101.6
6"	292.1	152.4



90° Clamped Elbow 3A No.XKKG-9028

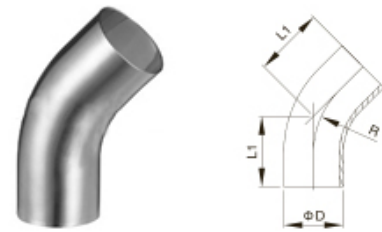
Size	L1	R
1"	50.8	50.5
1 1/2"	69.9	50.5
2"	88.9	64.0
2 1/2"	108.0	77.5
3"	127.0	91.0
4"	168.2	119.0
6"	250.8	167

1.2



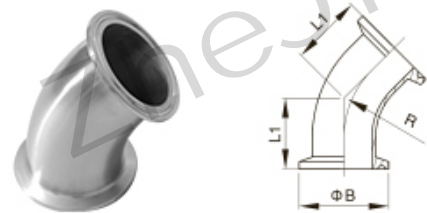
45° Welded Elbow 3A No.XK GK-9029

Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.8	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.6	76.2	114.3
4"	63.5	101.6	152.4
6"	94.7	152.4	228.6



45° Welded Elbow with straight ends 3A No.XK GK-9030

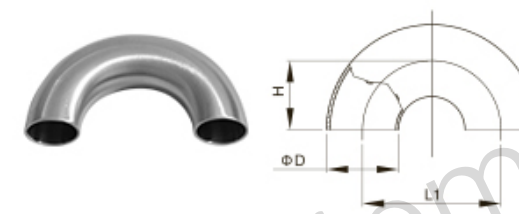
Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4
6"	158.2	152.4	228.6



45° Clamped Elbow 3A No.XK GK-9031

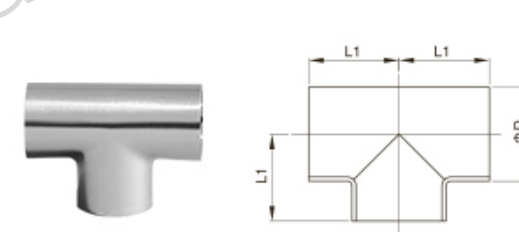
Size	L1	B	R
1"	28.5	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
2 1/2"	52.3	77.5	95.3
3"	60.3	91.0	114.3
4"	76.2	119.0	152.4

1.2



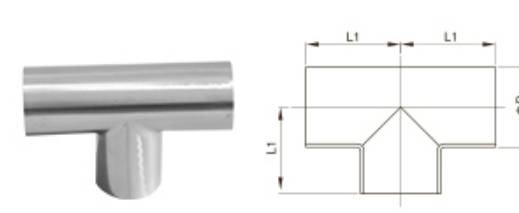
180° Welded Elbow 3A No.XK GK-9032

Size	L1	D	H
1"	76.2	25.4	38.1
1 1/2"	114.3	38.1	57.2
2"	152.4	50.8	76.2
2 1/2"	190.5	63.5	95.3
3"	228.6	76.2	114.3
4"	304.8	101.6	152.4



Short welded Tee 3A No.XK GK-9033

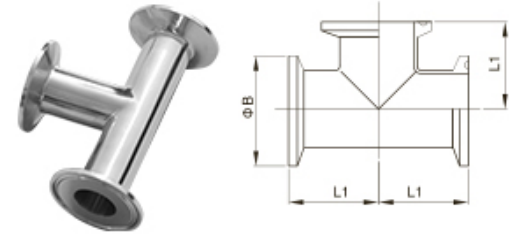
Size	L1	D
1"	28.6	25.4
1 1/2"	42.0	38.1
2"	52.3	50.8
2 1/2"	59.5	63.5
3"	65.9	76.2
4"	87.3	101.6
6"	127	152.4



Long welded Tee 3A No.XK GK-9034

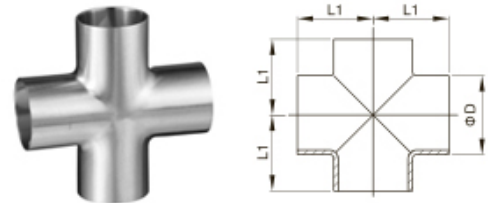
Size	L1	D
1"	47.6	25.4
1 1/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	76.2	63.5
3"	82.6	76.2
4"	98.4	101.6
6"	143	152.4

1.2



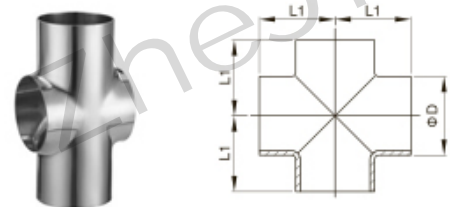
Clamped Tee SMS No.XKGGK-9035

Size	L1	B		
1"	60.3	50.5		
1 1/2"	69.9	50.5		
2"	88.9	64.0		
2 1/2"	88.9	77.5		
3"	95.3	91.0		
4"	114.2	119.0		



Welded Cross (Long-type) SMS No.XKGGK-9036

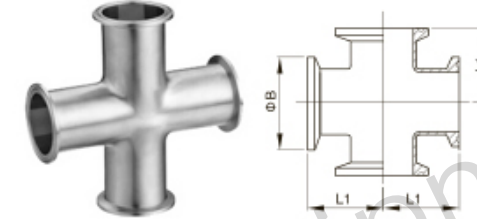
Size	L1	D		
1"	47.6	25.4		
1 1/2"	57.2	38.1		
2"	76.2	50.8		
2 1/2"	76.2	63.5		
3"	82.6	76.2		
4"	98.4	101.6		



Welded Cross (Short-type) SMS No.XKGGK-9037

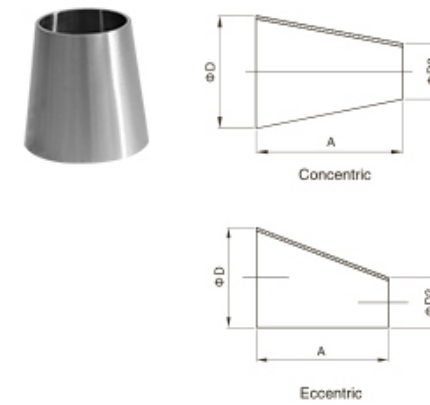
Size	L1	D		
1"	28.6	25.4		
1 1/2"	42.1	38.1		
2"	52.4	50.8		
2 1/2"	54.5	63.5		
3"	65.9	76.2		
4"	87.3	101.6		

1.2



Clamped Cross 3A No.XKGGK-9038

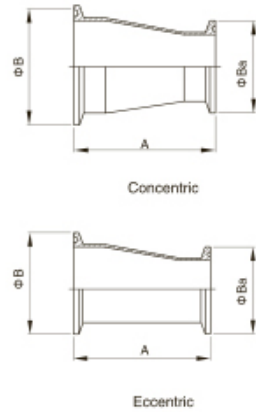
Size	L1	B		
1"	60.3	50.5		
1 1/2"	69.9	50.5		
2"	88.9	64.0		
2 1/2"	88.9	91.0		
3"	95.3	106.0		
4"	114.3	119.0		



Welded Reducer 3A No.XKGGK-9039

Size	A	D	D2	
1.5"/1.0"	50.8	38.1	25.4	
2.0"/1.0"	101.6	50.8	25.4	
2.0"/1.5"	50.8	50.8	38.1	
2.5"/1.5"	101.6	63.5	38.1	
2.5"/2.0"	50.8	63.5	50.8	
3.0"/1.5"	152.4	76.2	38.1	
3.0"/2.0"	101.6	76.2	50.8	
3.0"/2.5"	50.8	76.2	63.5	
4.0"/2.0"	203.2	101.6	50.8	
4.0"/2.5"	152.4	101.6	63.5	
4.0"/3.0"	101.6	101.6	76.2	
6.0"/3.0"	140.0	152.4	76.2	
6.0"/4.0"	140.0	152.4	101.6	

1.2



Clamped Reducer

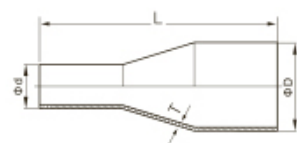
SMS No.XKKG-9040

Size	A	B	C
1.5"x1.0"	76.2	50.5	50.5
2.0"x1.0"	127.0	64.0	50.5
2.0"x1.5"	76.2	64.0	50.5
2.5"x1.5"	127.0	77.5	50.5
2.5"x2.0"	76.2	77.5	64.0
3.0"x1.5"	177.8	91.0	50.5
3.0"x2.0"	127.0	91.0	64.0
3.0"x2.5"	76.2	91.0	77.5
4.0"x2.0"	231.8	119.0	64.0
4.0"x2.5"	181.0	119.0	77.5
4.0"x3.0"	130.2	119.0	91.0

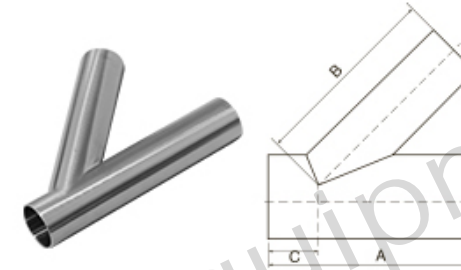
Concentric Reducer (Long)

SMS No.XKKG-9041

Size	+D	+d	L	1.65
1/2"x1/4"	12.7	6.35	101.6	1.65
1/2"x3/8"	12.7	9.53	101.6	1.65
3/4"x3/8"	19.1	9.53	101.6	1.65
3/4"x1/2"	19.1	12.70	101.6	1.65
1.0"x1/2"	25.4	12.70	114.3	1.65
1.0"x3/8"	25.4	9.53	114.3	1.65
1.0"x3/4"	25.4	19.10	101.6	1.65
1.5"x1/2"	38.1	12.70	139.7	1.65
1.5"x3/4"	38.1	19.10	127.0	1.65
1.5"x1.0"	38.1	25.40	127.0	1.65
2.0"x1/2"	50.8	12.70	196.0	1.65
2.0"x3/4"	50.8	19.10	184.2	1.65
2.0"x1.0"	50.8	25.40	184.2	1.65
2.0"x1.5"	50.8	38.10	133.4	1.65
2.5"x1/2"	63.5	12.70	247.7	1.65
2.5"x3/4"	63.5	19.10	235.0	1.65
2.5"x1.0"	63.5	25.40	235.0	1.65
2.5"x1.5"	63.5	38.10	184.2	1.65
2.5"x2.0"	63.5	50.80	139.7	1.65
3.0"x1/2"	76.2	12.70	298.5	1.65
3.0"x1.0"	76.2	25.40	285.8	1.65
3.0"x1.5"	76.2	38.10	235.0	1.65
3.0"x2.0"	76.2	50.80	190.5	1.65
3.0"x2.5"	76.2	63.50	139.7	1.65
4.0"x1.0"	101.6	25.40	393.7	2.10
4.0"x1.5"	101.6	38.10	342.9	2.10
4.0"x2.0"	101.6	50.80	298.5	2.10
4.0"x2.5"	101.6	63.50	247.7	2.10
4.0"x3.0"	101.6	76.20	196.9	2.10
6.0"x4.0"	152.4	101.60	254.0	2.77



1.2



Butt weld Y-type Tee

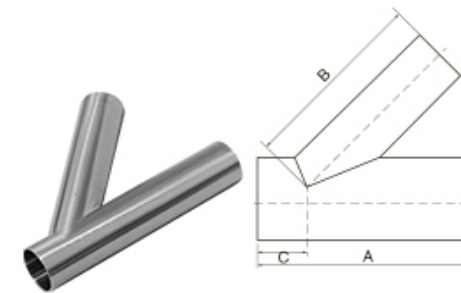
3A No.XKKG-9042

Size	A	B	C
1/2"	152.4	127.0	25.4
3/4"	152.4	127.0	25.4
1"	152.4	127.0	25.4
1 1/2"	187.3	173.1	30.2
2"	222.2	180.9	41.3
2 1/2"	254	215.9	38.1
3"	273.1	225.4	47.6
4"	325.5	273.1	52.4
6"	419.1	317.5	101.6

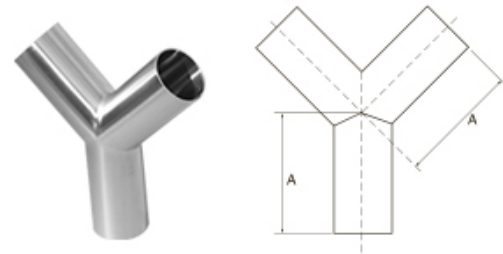
Butt weld Y-type Tee

3A No.XKKG-9043

Size	A	B	C
1 1/2 x 1	187.3	157.2	30.2
2 x 1	222.2	181.0	41.3
2 x 1 1/2	222.2	181.0	41.3
2 1/2 x 1	254	215.9	38.1
2 1/2 x 1 1/2	254	215.9	38.1
2 1/2 x 2	254	215.9	38.1
3 x 1	273.1	225.4	47.6
3 x 1 1/2	273.1	225.4	47.6
3 x 2	273.1	225.4	47.6
3 x 2 1/2	273.1	225.4	47.6
4 x 1	325.5	273.1	52.4
4 x 1 1/2	325.5	273.1	52.4
4 x 2	274.7	273.1	52.4
4 x 2 1/2	325.5	273.1	52.4
4 x 3	325.5	273.1	52.4

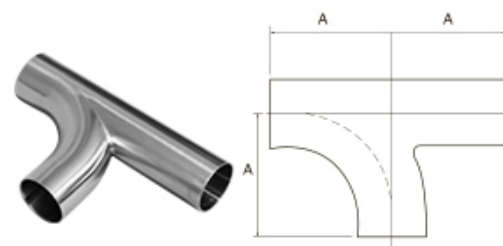


1.2



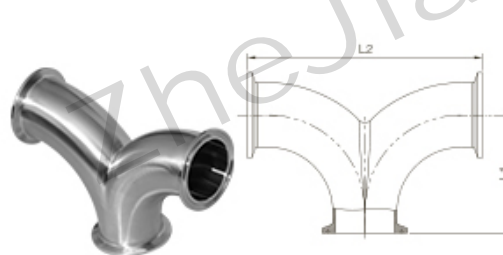
Butt weld Y-type Tee 3A No.XKGGK-9044

Size	A			
1/2"	50.8			
3/4"	50.8			
1"	76.2			
1 1/2"	76.2			
2"	101.6			
2 1/2"	127			
3"	152.4			
4"	203.2			
6"	203.2			



Butt weld Y-type Tee 3A No.XKGGK-9045

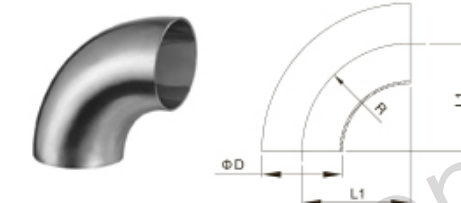
Size	A			
1"	65.0			
1 1/2"	85.0			
2"	110.0			
2 1/2"	135.0			
3"	155.0			
4"	195.0			



90°Clamp Double Bend 3A No.XKGGK-9046

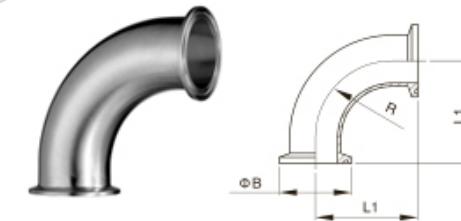
Size	L1	L2		
1"	50.8	101.6		
1 1/2"	69.85	139.7		
1 1/4"	60.4	120.8		
2"	88.9	177.8		
2 1/2"	107.9	215.9		
3"	127.0	228.6		
4"	168.4	336.8		

1.3



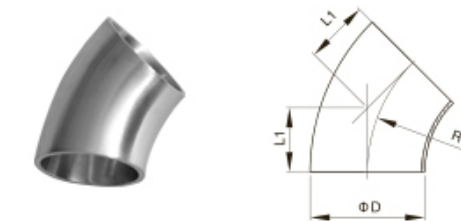
90° Welded Elbow ISO/IDF No.XKGGK-9047

Size	R			
1"	33.5	25.4	33.5	
1 1/4"	38.0	32.0	38.0	
1 1/2"	48.5	38.1	48.5	
2"	60.5	50.8	60.5	
2 1/2"	76.2	63.5	76.2	
3"	88.5	76.2	88.5	
3 1/2"	103.5	89.0	103.5	
4"	122	101.6	122	
4 1/2"	152.4	114.3	152.4	
5"	190.5	133.0	190.5	
6"	228.6	159.0	228.6	



90° Clamped Elbow ISO/IDF No.XKGGK-9048

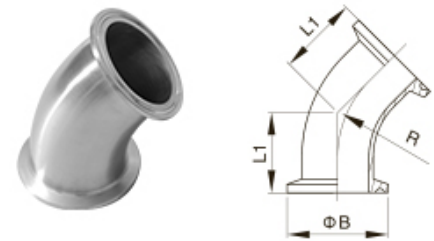
Size	L1	R	R	
Φ25	55.0	50.5	33.5	
Φ32	59.5	50.5	38.0	
Φ38	70.0	50.5	48.5	
Φ51	82.0	64.0	60.5	
Φ63	105.0	77.5	83.5	
Φ76	110.0	91.0	88.5	
Φ89	125.0	106.0	103.5	
Φ102	143.5	119.0	122	



45° Welded Elbow ISO/IDF No.XKGGK-9049

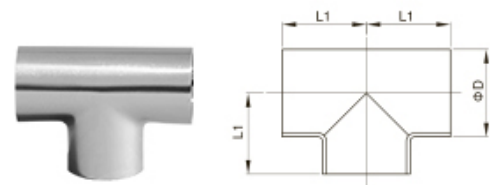
Size	L1	D	R	
1"	13.9	25.4	33.5	
1 1/4"	15.7	32.0	38.0	
1 1/2"	20.1	38.1	48.5	
2"	25.1	50.8	60.5	
2 1/2"	34.6	63.5	83.5	
3"	36.7	76.2	88.5	
3 1/2"	42.9	89.0	103.5	
4"	50.8	101.6	122	

1.3



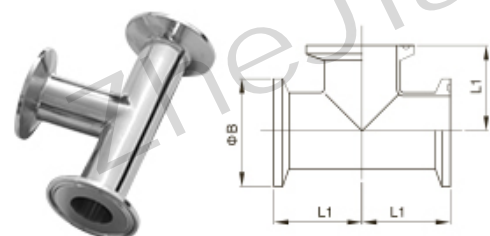
45° Clamped Elbow ISO/IDF No.XKGGK-9050

Size	L1	ØB	R
Ø25	35.4	50.5	33.5
Ø32	37.2	50.5	38.0
Ø38	41.6	50.5	48.5
Ø51	46.6	64.0	60.5
Ø63	56.1	77.5	83.5
Ø76	58.2	91.0	88.5
Ø89	64.4	106.0	103.5
Ø102	72.3	119.0	122



Welded Tee ISO/IDF No.XKGGK-9051

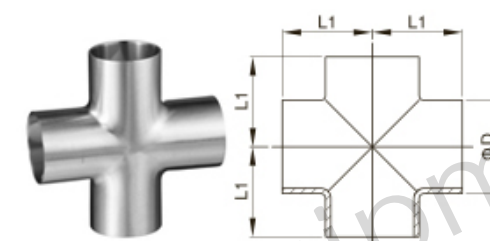
Size	L1	ØD
1"	33.5	25.4
1 1/4"	38.1	31.8
1 1/2"	48.5	38.1
2"	60.5	50.8
2 1/2"	70	63.5
3"	76	76.2
3 1/2"	86	88.9
4"	95	101.6
4 1/2"	105	114.3
5"	124	133.0
6"	143	159.0



Clamped Tee ISO/IDF No.XKGGK-9052

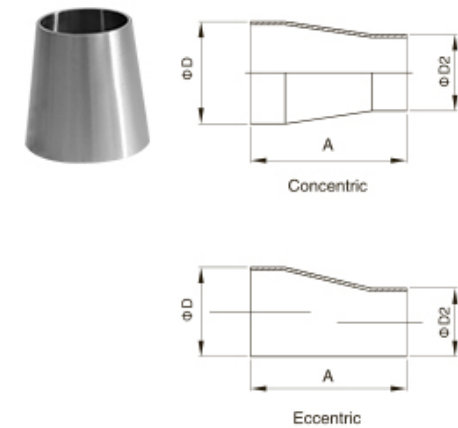
Size	L1	Ø
1"	55.0	50.5
1 1/4"	59.5	50.5
1 1/2"	70.0	50.5
2"	82.0	64.0
2 1/2"	91.5	77.5
3"	97.5	91.0
3 1/2"	107.5	106.0
4"	116.5	119.0

1.3



Welded Cross ISO/IDF No.XKGGK-9053

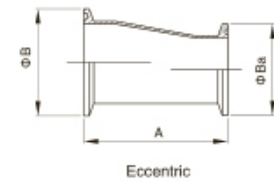
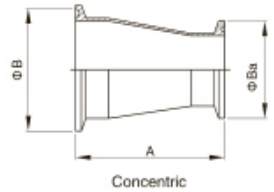
Size	L1	ØD
1"	33.5	25.4
1 1/4"	38.0	32.0
1 1/2"	48.5	38.0
2"	60.5	51.0
2 1/2"	70	63.5
3"	76	76.0
3 1/2"	86	89.0
4"	100	101.6



Welded Reducer ISO/IDF No.XKGGK-9054

Size	A	Ø	Ø2
1.0"/0.75"	38.0	25.4	19.05
1.25"/1.0"	50.0	31.8	25.4
1.5"/1.25"	50.0	38.1	31.8
1.5"/1.0"	50.0	38.1	25.4
2.0"/1.5"	67.0	50.8	38.1
2.0"/1.25"	67.0	50.8	31.8
2.0"/1.0"	67.0	50.8	25.4
2.5"/2.0"	67.0	63.5	50.8
2.5"/1.5"	67.0	63.5	38.1
2.5"/1.0"	67.0	63.5	25.4
3.0"/2.5"	67.0	76.2	63.5
3.0"/2.0"	67.0	76.2	50.8
3.0"/1.5"	67.0	76.2	38.1
3.5"/3.0"	67.0	88.9	76.2
3.5"/2.5"	67.0	88.9	63.5
3.5"/2.0"	67.0	88.9	50.8
4.0"/3.5"	101.6	101.6	88.9
4.0"/3.0"	101.6	101.6	76.2
4.0"/2.5"	101.6	101.6	63.5
4.0"/2.0"	101.6	101.6	50.8

1.3

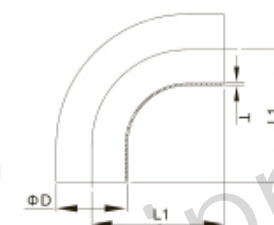


Clamped Reducer

ISO/IDF No.XKGGK-9055

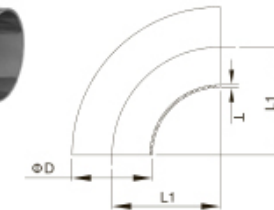
Size	A	D	ϕB_1
1.0"/0.75"	80.0	50.5	34.0
1.25"/1.0"	92.0	50.5	50.5
1.5"/1.25"	92.0	50.5	50.5
1.5"/1.0"	92.0	50.5	50.5
2.0"/1.5"	109.0	64.0	50.5
2.0"/1.25"	109.0	64.0	50.5
2.0"/1.0"	109.0	64.0	50.5
2.5"/2.0"	109.0	77.5	64.0
2.5"/1.5"	109.0	77.5	50.5
2.5"/1.0"	109.0	77.5	50.5
3.0"/2.5"	109.0	91.0	77.5
3.0"/2.0"	109.0	91.0	64.0
3.0"/1.5"	109.0	91.0	50.5
3.5"/3.0"	109.0	106.0	91.0
3.5"/2.5"	109.0	106.0	77.5
3.5"/2.0"	109.0	106.0	64.0
4.0"/3.5"	143.6	119.0	106.0
4.0"/3.0"	143.6	119.0	91.0
4.0"/2.5"	143.6	119.0	77.5
4.0"/2.0"	143.6	119.0	64.0

1.4



90° Long welded Elbow with straight ends AS No.XKGGK-9056

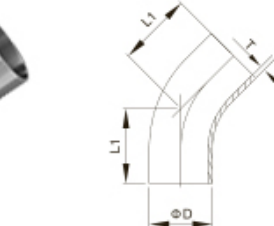
Size	L ₁	D	t
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0



90° Welded Elbow

AS No.XKGGK-9057

Size	L ₁	D	t
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

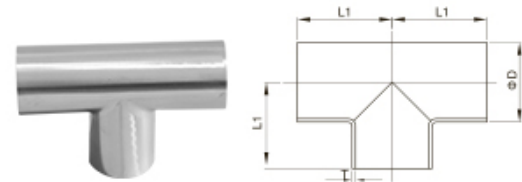


45° Long welded Elbow

AS No.XKGGK-9058

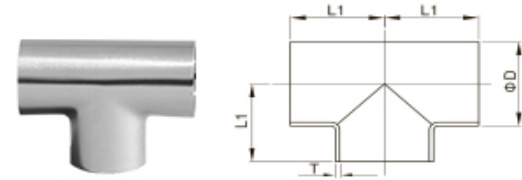
Size	L ₁	D	t
1/2"	37.9	12.7	1.6
3/4"	41.8	19.1	1.6
1"	45.8	25.4	1.6
1 1/4"	49.7	31.8	1.6
1 1/2"	53.7	38.1	1.6
2"	61.6	50.8	1.6
2 1/2"	69.5	63.5	1.6
3"	77.3	76.2	1.6
4"	92.8	101.6	2.0

1.4



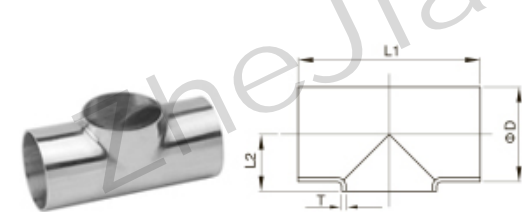
Long welded Tee AS No.XKKG-9059

Size	L1	L2	D	T
1/2"	49.1	12.7	1.6	
3/4"	58.6	19.1	1.6	
1"	68.1	25.4	1.6	
1 1/4"	77.7	31.8	1.6	
1 1/2"	87.0	38.1	1.6	
2"	106.2	50.8	1.6	
2 1/2"	125.0	63.5	1.6	
3"	144.2	76.2	1.6	
4"	182.4	101.6	2.0	



Equal welded Tee AS No.XKKG-9060

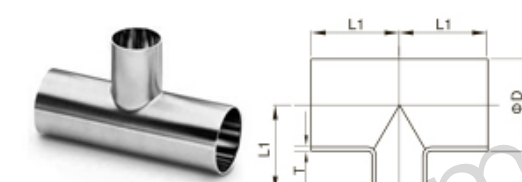
Size	L1	L2	D	T
1/2"	19.1	12.7	1.6	
3/4"	28.6	19.1	1.6	
1"	38.1	25.4	1.6	
1 1/4"	47.7	31.8	1.6	
1 1/2"	57.0	38.1	1.6	
2"	76.2	50.8	1.6	
2 1/2"	95.0	63.5	1.6	
3"	114.2	76.2	1.6	
4"	152.4	101.6	2.0	



Short welded Tee AS No.XKKG-9061

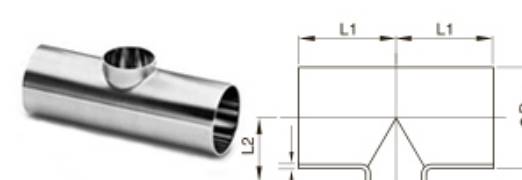
Size	L1	L2	D	T
1/2"	38.2	9.35	12.7	1.6
3/4"	57.2	12.55	19.1	1.6
1"	76.2	15.7	25.4	1.6
1 1/4"	95.4	18.9	31.8	1.6
1 1/2"	114.0	22.05	38.1	1.6
2"	152.4	28.4	50.8	1.6
2 1/2"	190.0	34.75	63.5	1.6
3"	228.4	41.1	76.2	1.6
4"	304.8	53.8	101.6	2.0

1.4



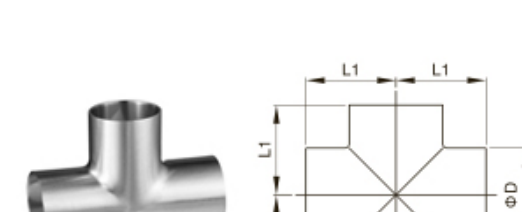
Reducing welded Tee AS No.XKKG-9062

Size	L1	L2	D	T
1 1/2"x 1"	80	38.1	25.4	1.6
2"x 1"	80	50.8	25.4	1.6
2"x 1 1/2"	80	50.8	38.1	1.6
2 1/2"x 1 1/2"	80	63.5	38.1	1.6
2 1/2"x 2"	80	63.5	50.8	1.6
3"x 1 1/2"	80	76.2	38.1	1.6
3"x 2"	80	76.2	50.8	1.6
3"x 2 1/2"	80	76.2	63.5	1.6
4"x 2"	80	101.6	50.8	1.6
4"x 2 1/2"	80	101.6	63.5	1.6
4"x 3"	80	101.6	76.2	2.0



Short reducing welded Tee AS No.XKKG-9063

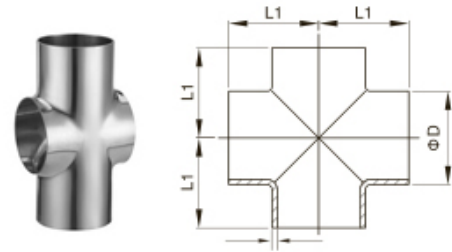
Size	L1	L2	D	T	
1 1/2"x 1"	80	22.05	38.1	25.4	1.6
2"x 1"	80	28.4	50.8	25.4	1.6
2"x 1 1/2"	80	28.4	50.8	38.1	1.6
2 1/2"x 1 1/2"	80	34.75	63.5	38.1	1.6
2 1/2"x 2"	80	34.75	63.5	50.8	1.6
3"x 1 1/2"	80	41.1	76.2	38.1	1.6
3"x 2"	80	41.1	76.2	50.8	1.6
3"x 2 1/2"	80	41.1	76.2	63.5	1.6
4"x 2"	80	53.8	101.6	50.8	1.6
4"x 2 1/2"	80	53.8	101.6	63.5	1.6
4"x 3"	80	53.8	101.6	76.2	2.0



Long welded Cross AS No.XKKG-9064

Size	L1	L2	D	T
1/2"	49.1	12.7	1.6	
3/4"	58.6	19.1	1.6	
1"	68.1	25.4	1.6	
1 1/4"	77.7	31.8	1.6	
1 1/2"	87.0	38.1	1.6	
2"	106.2	50.8	1.6	
2 1/2"	125.0	63.5	1.6	
3"	144.2	76.2	1.6	
4"	182.4	101.6	2.0	

1.4

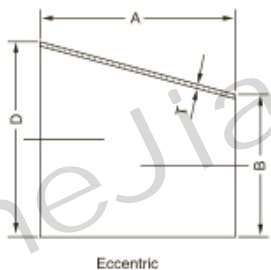
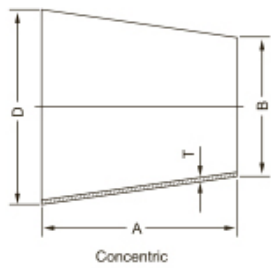


Short welded Cross AS No.XKGG-9065

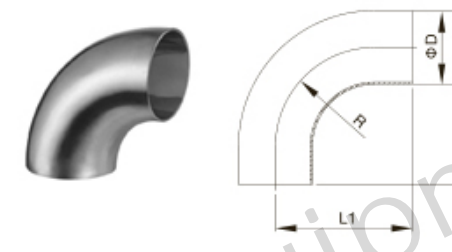
Size	L1	ØD	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

Welded Reducer AS No.XKGG-9066

Size	A	B	C	T
3/4"x 1/2"	19.1	12.7	19.1	1.6
1"x 1/2"	25.4	12.7	25.4	1.6
1"x 3/4"	25.4	19.1	25.4	1.6
1 1/4"x 3/4"	31.8	19.1	31.8	1.6
1 1/4"x 1"	31.8	25.4	31.8	1.6
1 1/2"x 3/4"	38.1	19.1	38.1	1.6
1 1/2"x 1"	38.1	25.4	38.1	1.6
2"x 1/2"	50.8	12.7	50.8	1.6
2"x 3/4"	50.8	19.1	50.8	1.6
2"x 1"	50.8	25.4	50.8	1.6
2"x 1 1/4"	50.8	31.8	50.8	1.6
2"x 1 1/2"	50.8	38.1	50.8	1.6
2 1/2"x 1"	63.5	25.4	63.5	1.6
2 1/2"x 1 1/4"	63.5	31.8	63.5	1.6
2 1/2"x 1 1/2"	63.5	38.1	63.5	1.6
2 1/2"x 2"	63.5	50.8	63.5	1.6
3"x 1"	76.2	25.4	76.2	1.6
3"x 1 1/4"	76.2	31.8	76.2	1.6
3"x 1 1/2"	76.2	38.1	76.2	1.6
3"x 2"	76.2	50.8	76.2	1.6
3"x 2 1/2"	76.2	63.5	76.2	1.6
4"x 1"	101.6	25.4	101.6	2.0
4"x 1 1/4"	101.6	31.8	101.6	2.0
4"x 1 1/2"	101.6	38.1	101.6	2.0
4"x 2"	101.6	50.8	101.6	2.0
4"x 2 1/2"	101.6	63.5	101.6	2.0
4"x 3"	101.6	76.2	101.6	2.0

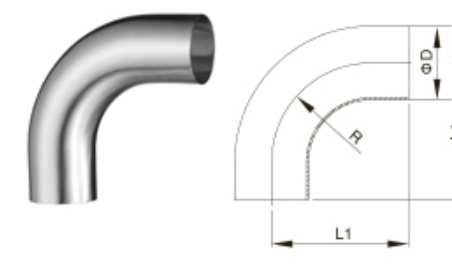


1.5



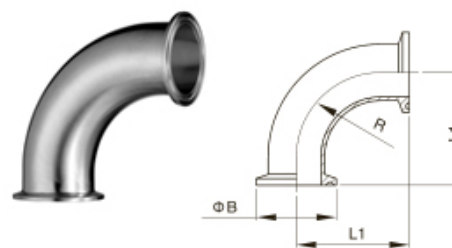
90° Welded Elbow BS4825 No.XKGG-9067

Size	L1	R	ØD
1"	43.5	38.1	25.4
1 1/2"	63.5	57.2	38.1
2"	88.5	76.2	50.8
2 1/2"	113.5	95.3	63.5
3"	133.5	114.3	76.2
4"	173.5	152.4	101.6



90° Welded Elbow with straight ends BS4825 No.XKGG-9068

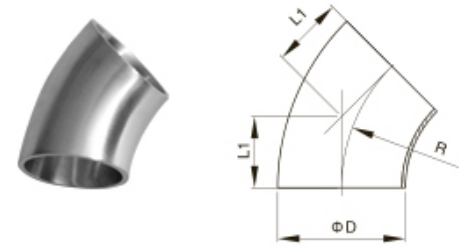
Size	L1	R	ØD
1"	65.0	38.1	25.4
1 1/2"	85.0	57.2	38.1
2"	110.0	76.2	50.8
2 1/2"	135.0	95.3	63.5
3"	155.0	114.3	76.2
4"	195.0	152.4	101.6



90° Clamped Elbow BS4825 No.XKGG-9069

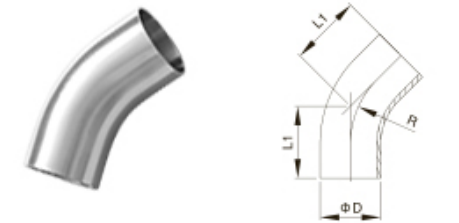
Size	L1	R	ØB
1"	65.0	50.5	38.1
1 1/2"	85.0	50.5	57.2
2"	110.0	64	76.2
2 1/2"	135.0	77.5	95.3
3"	155.0	91	114.3
4"	195.0	119	152.4

1.5



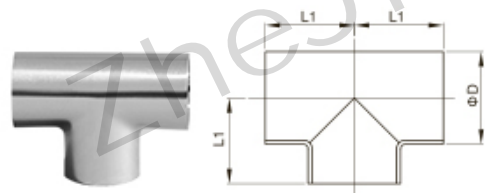
45° Short welded Elbow BS4825 No.XK GK-9070

Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.7	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.5	76.2	114.3
4"	63.2	101.6	152.4



45° Long welded Elbow BS4825 No.XK GK-9071

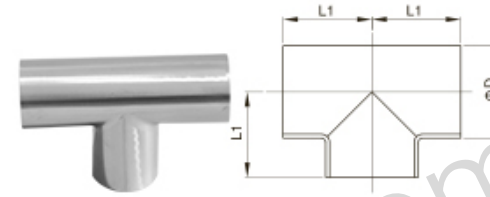
Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4



Short welded Tee BS4825 No.XK GK-9072

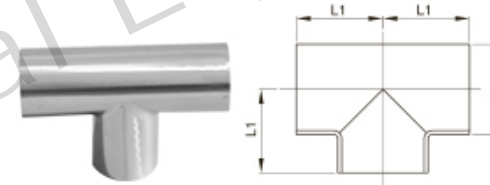
Size	L1	D
1"	43.5	25.4
1 1/2"	63.5	38.1
2"	88.5	50.8
2 1/2"	113.5	63.5
3"	133.5	76.2
4"	173.5	101.6

1.5



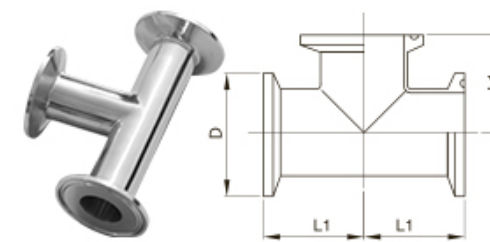
Long welded Tee BS4825 No.XK GK-9073

Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6



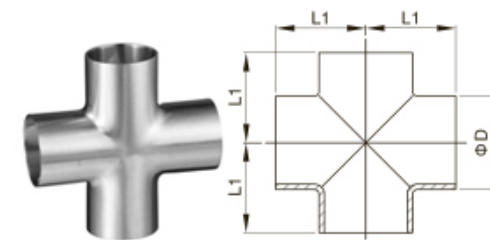
Long welded Tee BS4825 No.XK GK-9074

Size	L1	D
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6



Clamped Tee BS4825 No.XK GK-9075

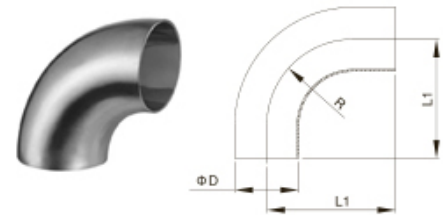
Size	L1	D
1/2"	57.2	25.4
3/4"	60.3	25.4
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
2 1/2"	92.1	77.5
3"	98.4	91.0
4"	120.7	119.0



Welded Cross BS4825 No.XK GK-9076

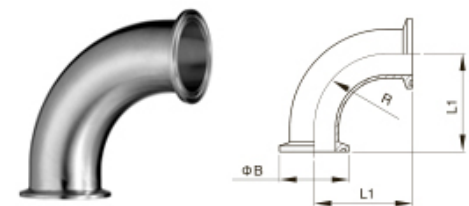
Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6

1.6



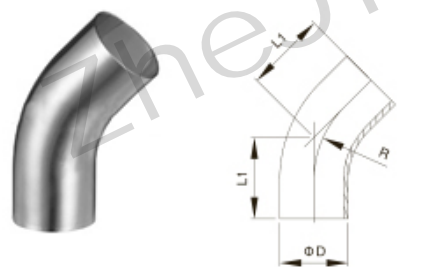
90° Welded Elbow BPE No.XK GK-9077

Size	L1	R	φD
1/2"	76.2	12.7	19.1
3/4"	76.2	19.05	28.6
1"	76.2	25.4	38.1
1 1/2"	95.3	38.1	57.2
2"	120.7	50.8	76.2
2 1/2"	139.7	63.5	95.3
3"	158.8	76.2	114.3
4"	203.2	101.6	152.4



90° Clamped Elbow BPE No.XK GK-9078

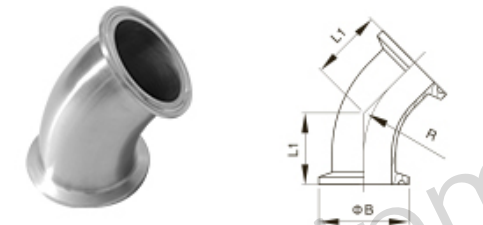
Size	L1	R	φB
1/2"	41.3	25.4	19.0
3/4"	41.3	25.4	28.6
1"	50.8	50.5	38.1
1 1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2 1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.3	119.0	152.4



45° Welded Elbow with straight ends BPE No.XK GK-9079

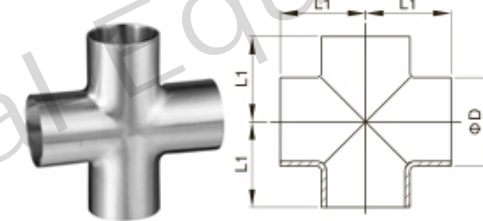
Size	L1	R	φD
1/2"	57.2	12.7	19.1
3/4"	57.2	19.05	28.6
1"	57.2	25.4	38.1
1 1/2"	63.5	38.1	57.2
2"	76.2	50.8	76.2
2 1/2"	85.7	63.5	95.3
3"	92.1	76.2	114.3
4"	114.3	101.6	152.4

1.6



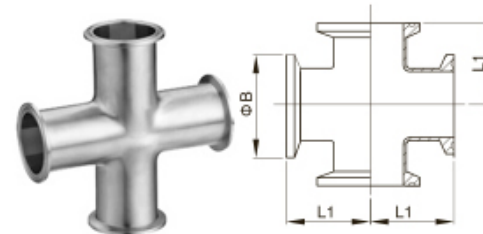
45° Clamped Elbow BPE No.XK GK-9080

Size	L1	R	φB
1"	28.6	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
2 1/2"	52.4	77.5	95.3
3"	60.3	91.0	114.3
4"	79.4	119.0	152.4



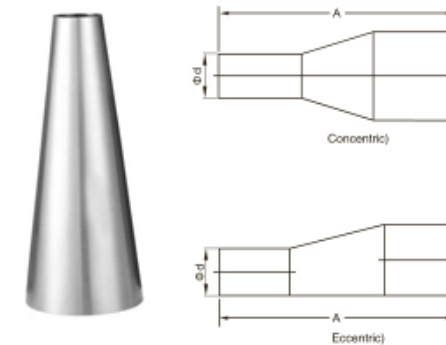
Welded Cross BPE No.XK GK-9081

Size	L1	φD
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6



Clamped Cross BPE No.XK GK-9082

Size	L1	φB
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
2 1/2"	92.1	91.0
3"	98.4	106.0
4"	120.7	119.0



Welded Reducer BPE No.XK GK-9082

Size	A	φD	φd
1"0.75	101.6	25.4	19.1
1.5"0.75	127.0	38.1	19.1
1.5"1.0	127.0	38.1	25.4
2.0"1.0	184.2	50.8	25.4
2.0"1.5	133.4	50.8	38.1
2.5"1.5	184.6	63.5	38.1
2.5"2.0	139.7	63.5	50.8
3.0"1.5	235.0	76.2	38.1
3.0"2.0	190.5	76.2	50.8
3.0"2.5	139.7	76.2	63.5
4.0"2.0	298.5	101.6	50.8
4.0"2.5	247.7	101.6	63.5
4.0"3.0	196.9	101.6	76.2
6.0"4.0	254.0	152.4	101.6