



# 玄盛企業股份有限公司

專業製造 食品衛生級 不鏽鋼管、管件、閥、泵浦  
CNC金屬加工、產業機械設備金屬零件代工製造



dun & bradstreet  
D-U-N-S® CERTIFIED  
65 - 736 - 5078

www.tech-control-tw.com

TECH CONTROL ENTERPRISE CO., LTD.

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## ●不鏽鋼 食品衛生級 彎頭(彎管), 三通, 十字通 及 大小頭(漸縮管)

彎頭 ( 焊式、夾式、45度、90度 )、三通 ( 焊式、夾式、異徑 )、十字通 ( 焊式、夾式 )

符合FDA要求之食品級衛生級配管用各式墊片 ( Silicone, EPDM, Teflon, Viton, Buna-N )

## ●Stainless Steel Hygienic Tube Fittings, ELBOW, TEE CROSS REDUCER

3A / IDF / Tri-Clamp Ends / Welding Ends / Elbows / Tees / Crosses / Reducers

Ferrule Gaskets Silicone, EPDM, Teflon, Viton, Buna-N

尺寸 Size : 1/2" 3/4" 1" 1.25" 1.5" 2" 2.5" 3" 4" 6"

材質 Material : SS304, SS316, SS316L

型式 Type : Tri-Clamp Ends, Weld Ends, Tri-Clamp End X Weld Ends ... etc.

### 商品特點 Features :

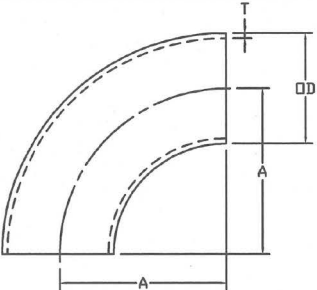
材料為經過 Olympus Innov-X Delta XRF Metal Analyzer 金屬材質檢驗機 嚴格把關  
Materials are rigorously inspected by using the Olympus Innov-X Delta XRF Metal Analyzer

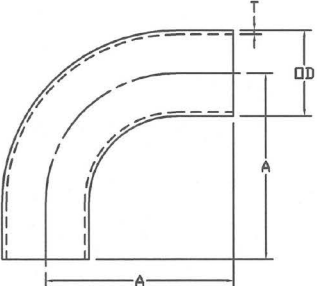
角度準確、公差一致、壁厚均勻、組裝焊接容易、強度高且經久耐用  
Accurate angles, consistent tolerances, and uniform wall thickness, making the assembly and welding easy  
high strength and and long-lasting durability

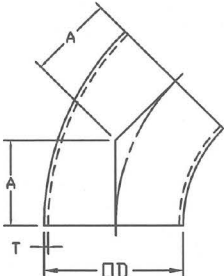
表面處理  $Ra \leq 32 \mu\text{inch}$  (  $0.8 \mu\text{m}$  ), 符合食品衛生級標準  
Surface treatment  $Ra \leq 32 \mu\text{inch}$  (  $0.8 \mu\text{m}$  ), compliant with food and hygiene standards

出貨前 100% 檢驗  
100% inspection before shipment

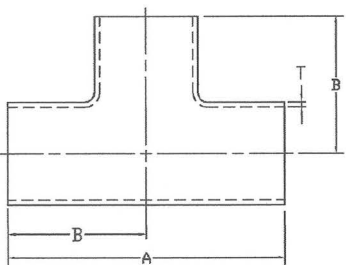


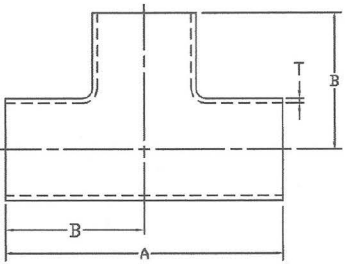
3A-2WCL 90度焊彎	WELD ELBOW 90°				mm
	SIZE	T (thickness)	A	OD	
	1/2"	1.65	19.05	12.7	
	3/4"	1.65	28.6	19.05	
	1"	1.65	38.1	25.4	
	1 1/4"	1.65	47.7	31.75	
	1 1/2"	1.65	57.2	38.1	
	2"	1.65	76.2	50.8	
	2 1/2"	1.65	96.3	63.5	
	3"	1.65	114.3	76.2	
	4"	2.11	152.4	101.6	

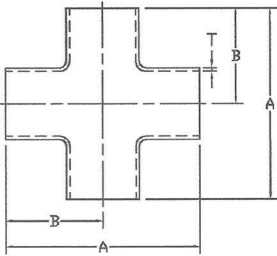
3A-L2S (加長) 90度焊彎	WELD ELBOW 90° LONG				mm
	SIZE	T (thickness)	A	OD	
	1/2"	1.65	76.2	12.7	
	3/4"	1.65	66	19.05	
	1"	1.65	52.4	25.4	
	1 1/2"	1.65	74.6	38.1	
	2"	1.65	103.2	50.8	
	2 1/2"	1.65	131.7	63.5	
	3"	1.65	160.3	76.2	
	4"	2.11	211.1	101.6	

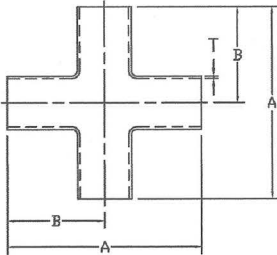
3A-2WK7 45度焊彎	WELD ELBOW 45°				mm
	SIZE	T (thickness)	A	OD	
	1"	1.65	15.9	25.4	
	1 1/2"	1.65	23.8	38.1	
	2"	1.65	31.8	50.8	
	2 1/2"	1.65	39.7	63.5	
	3"	1.65	47.6	76.2	
	4"	2.11	63.5	101.6	

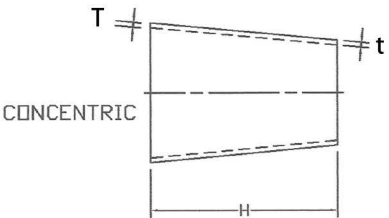
3A-L2KS (加長) 45度焊彎	WELD ELBOW 45° LONG				mm
	SIZE	T (thickness)	A	OD	
	1"	1.65	30.18	25.4	
	1 1/2"	1.65	41.28	38.1	
	2"	1.65	58.74	50.8	
	2 1/2"	1.65	76.20	63.5	
	3"	1.65	93.68	76.2	
	4"	2.11	122.24	101.6	

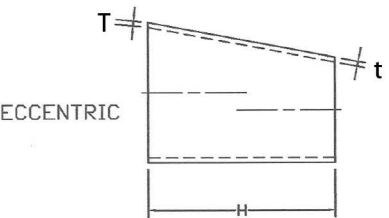
3A-7WWW 短焊三通	WELD TEE SHORT				mm
	SIZE	T (thickness)	B	A	OD
	1/2"	1.65	38.1	76.2	12.7
	3/4"	1.65	25.4	50.8	19.05
	1"	1.65	28.6	57.2	25.4
	1 1/2"	1.65	42.1	84.2	38.1
	2"	1.65	52.4	104.8	50.8
	2 1/2"	1.65	59.5	119.0	63.5
	3"	1.65	65.9	131.8	76.2
	4"	2.11	87.35	174.7	101.6

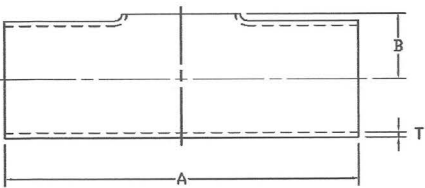
3A-7W 長焊三通	WELD TEE LONG				mm
	SIZE	T (thickness)	B	A	OD
	1"	1.65	47.6	95.2	25.4
	1 1/2"	1.65	57.2	114.4	38.1
	2"	1.65	76.2	152.4	50.8
	2 1/2"	1.65	76.2	152.4	63.5
	3"	1.65	82.6	165.2	76.2
	4"	2.11	98.4	196.8	101.6

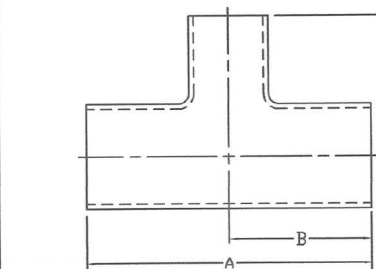
3A-9WWW 短焊十字通	WELD CROSS SHORT				mm
	SIZE	T (thickness)	B	A	OD
	1"	1.65	28.6	57.2	25.4
	1 1/2"	1.65	42.1	84.2	38.1
	2"	1.65	52.4	104.8	50.8
	2 1/2"	1.65	59.5	119.0	63.5
	3"	1.65	65.9	131.8	76.2
	4"	2.11	87.35	174.7	101.6

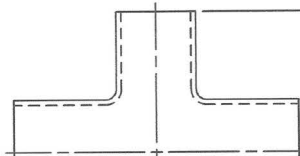
3A-9W 長焊十字通	WELD CROSS LONG				mm
	SIZE	T (thickness)	B	A	OD
	1"	1.65	47.6	95.2	25.4
	1 1/2"	1.65	57.2	114.4	38.1
	2"	1.65	76.2	152.4	50.8
	2 1/2"	1.65	76.2	152.4	63.5
	3"	1.65	82.6	165.2	76.2
	4"	2.11	98.4	196.8	101.6

3A-L317 焊同心大小頭		WELD REDUCER CONCENTRIC			mm
SIZE		H	T (Thickness)	t (thickness)	
	1"	x 1/2"	25.4	1.65	1.65
	25.4	x 3/4"	25.4	1.65	1.65
	1 1/2"	x 3/4"	76.2	1.65	1.65
	38.1	x 1"	50.8	1.65	1.65
	2"	x 1"	101.6	1.65	1.65
		x 1 1/2"	50.8	1.65	1.65
	2 1/2"	x 1 1/2"	101.6	1.65	1.65
	63.5	x 2"	50.8	1.65	1.65
	3"	x 1 1/2"	152.4	1.65	1.65
		x 2"	101.6	1.65	1.65
		x 2 1/2"	50.8	1.65	1.65
	76.2				
	4"	x 2"	203.2	2.11	1.65
		x 2 1/2"	152.4	2.11	1.65
		x 3"	101.6	2.11	1.65
	101.6				

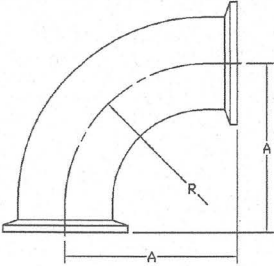
3A-L327 焊偏心大小頭		WELD REDUCER ECCENTRIC			mm
SIZE		H	T (Thickness)	t (thickness)	
	1"	x 1/2"	25.4	1.65	1.65
	25.4	x 3/4"	25.4	1.65	1.65
	1 1/2"	x 3/4"	76.2	1.65	1.65
	38.1	x 1"	50.8	1.65	1.65
	2"	x 1"	101.6	1.65	1.65
		x 1 1/2"	50.8	1.65	1.65
	2 1/2"	x 1 1/2"	101.6	1.65	1.65
	63.5	x 2"	50.8	1.65	1.65
	3"	x 1 1/2"	152.4	1.65	1.65
		x 2"	101.6	1.65	1.65
		x 2 1/2"	50.8	1.65	1.65
	76.2				
	4"	x 2"	203.2	2.11	1.65
		x 2 1/2"	152.4	2.11	1.65
		x 3"	101.6	2.11	1.65
	101.6				

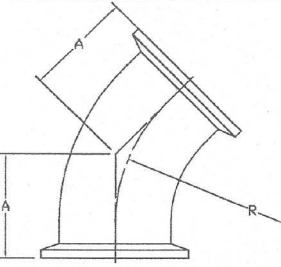
3A-7WMS 焊平口三通		WELD TEE SHORT OUTLET			mm
SIZE		T (thickness)	B	A	
	1"	1.65	15.70	95.2	
	1 1/2"	1.65	22.05	114.4	
	2"	1.65	28.40	152.4	
	2 1/2"	1.65	34.75	152.4	
	3"	1.65	41.10	165.2	
	4"	2.11	53.80	196.8	

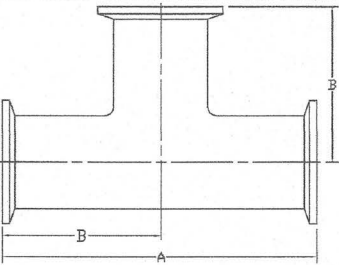
3A-7RWWW (短) 焊異徑三通		WELD REDUCING TEE SHORT		mm	
		SIZE	A	B	C
	1"	x 1/2"	95.2	47.6	47
	25.4	x 3/4"	95.2	47.6	47
	1 1/2"	x 1/2"	114.3	57.15	54.1
		x 3/4"	114.3	57.15	54.1
		x 1"	84.1	42.05	34.9
	2"	x 1"	104.7	52.35	41.6
	50.8	x 1 1/2"	104.7	52.35	48.4
	2 1/2"	x 1 1/2"	119	59.5	55.3
		x 2"	119	59.5	59.5
	63.5	x 2"	131.8	65.9	65.9
	3"	x 2 1/2"	131.8	65.9	65.9
		x 3"	174.6	87.3	87.3
	76.2	x 2 1/2"	174.6	87.3	87.3
	4"	x 3"	174.6	87.3	87.3
	101.6				

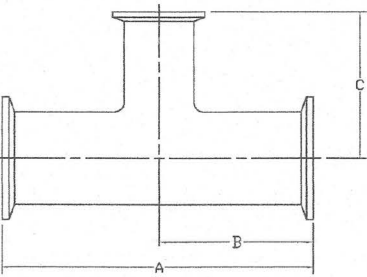
3A-7RW (長) 焊異徑三通	WELD REDUCING TEE LONG				mm
	SIZE		A	B	C
	1 1/2"	x 1"	114.4	57.2	54.0
	2"	x 1"	152.4	76.2	60.3
	50.8	x 1 1/2"	152.4	76.2	63.5
	2 1/2"	x 1 1/2"	152.4	76.2	69.9
	63.5	x 2"	152.4	76.2	82.6
	3"	x 1 1/2"	165.2	82.6	76.2
	76.2	x 2"	165.2	82.6	88.9
		x 2 1/2"	165.2	82.6	82.6
		x 2"	196.8	98.4	101.6
	4"	x 2 1/2"	196.8	98.4	95.3
	101.6	x 3"	196.8	98.4	95.3

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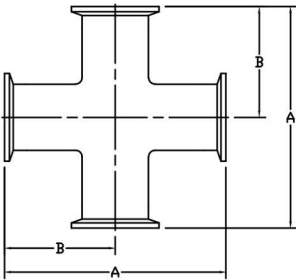
<b>3A-2CMP 90度夾彎</b> 	<b>CLAMP ELBOW 90°</b>					mm
	SIZE	A	R			
	1/2"	38.1	25.4			
	3/4"	41.3	28.6			
	1"	50.8	38.1			
	1 1/2"	69.9	57.2			
	2"	88.9	76.2			
	2 1/2"	108.0	95.25			
	3"	127.0	114.3			
	4"	168.3	152.4			

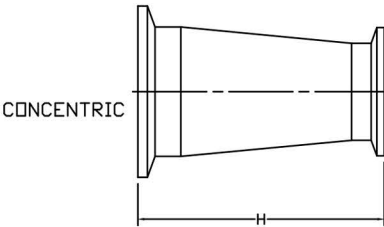
<b>3A-2KMP 45度夾彎</b> 	<b>CLAMP ELBOW 45°</b>					mm
	SIZE	A	R			
	1"	28.6	38.1			
	1 1/2"	36.5	57.2			
	2"	44.5	76.2			
	2 1/2"	52.4	95.25			
	3"	60.3	114.3			
	4"	79.4	152.4			

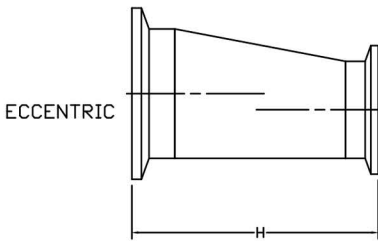
<b>3A-7MP 夾三通</b> 	<b>CLAMP TEE</b>					mm
	SIZE	A	B			
	1/2"	101.6	50.8			
	3/4"	76.2	38.1			
	1"	120.6	60.3			
	1 1/2"	139.8	69.9			
	2"	177.8	88.9			
	2 1/2"	177.8	88.9			
	3"	190.6	95.3			
	4"	228.6	114.3			

<b>3A-RMP 夾異徑三通</b> 	<b>CLAMP TEE REDUCING</b>					mm
	SIZE		A	B	C	
	1 1/2"	x 1"	139.8	69.9	66.7	
	2"	x 1"	177.8	88.9	66.7	
		x 1 1/2"	177.8	88.9	76.2	
	2 1/2"	x 1 1/2"	177.8	88.9	82.6	
		x 2"	177.8	88.9	95.3	
	3"	x 1 1/2"	190.6	95.3	88.9	
		x 2"	190.6	95.3	101.6	
		x 2 1/2"	190.6	95.3	95.3	
	4"	x 2"	228.6	114.3	114.3	
		x 2 1/2"	228.6	114.3	104.8	
		x 3"	228.6	114.3	104.8	



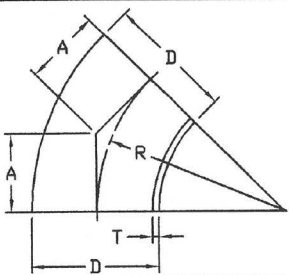
3A-9MP 夾十字通	CLAMP CROSS					mm
	SIZE	A	B			
	1"	120.6	60.3			
	1 1/2"	139.8	69.9			
	2"	177.8	88.9			
	2 1/2"	177.8	88.9			
	3"	190.6	95.3			
	4"	228.6	114.3			

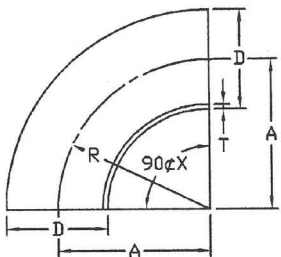
3A 31-14MP 夾同心大小頭	CLAMP REDUCER w/welded tangent CONCENTRIC					mm
	SIZE		H			
	1"	x 1 1/2"	50.8			
		x 3/4"	50.8			
	1 1/2"	x 1"	76.2			
	2"	x 1"	127.0			
		x 1 1/2"	76.2			
	2 1/2"	x 1 1/2"	127.0			
		x 2"	76.2			
	3"	x 1 1/2"	177.8			
		x 2"	127.0			
		x 2 1/2"	76.2			
	4"	x 2"	231.8			
		x 2 1/2"	181.0			
		x 3"	130.2			

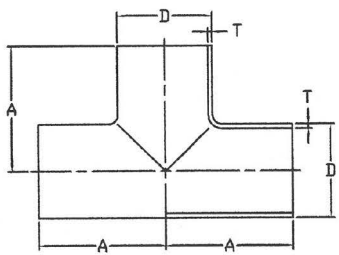
3A 32-14MP 夾偏心大小頭	CLAMP REDUCER w/welded tangent ECCENTRIC					mm
	SIZE		H			
	1"	x 1 1/2"	50.8			
		x 3/4"	50.8			
	1 1/2"	x 1"	76.2			
	2"	x 1"	127.0			
		x 1 1/2"	76.2			
	2 1/2"	x 1 1/2"	127.0			
		x 2"	76.2			
	3"	x 1 1/2"	177.8			
		x 2"	127.0			
		x 2 1/2"	76.2			
	4"	x 2"	231.8			
		x 2 1/2"	181.0			
		x 3"	130.2			

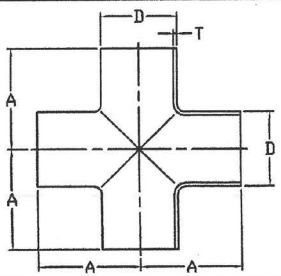
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IDF 焊彎 45° T-5	IDF WELD ELBOW 45°				mm
	SIZE	A	D	T (thickness)	R
	1"	15.8	25.4	1.2	38.1
	1 1/2"	23.8	38.1	1.2	57.2
	2"	31.6	50.8	1.5	76.2
	2 1/2"	42	63.5	2.0	101.6
	3"	52.6	76.3	2.0	127
	4"	73.6	101.6	2.0	177.8

IDF 焊彎 90° D-1	IDF WELD ELBOW 90°				mm
	SIZE	A	D	T (thickness)	R
	1"	34	25.4	1.2	33
	1 1/2"	49	38.1	1.2	45.5
	2"	61	50.8	1.5	57.5
	2 1/2"	84	63.5	2.0	75
	3"	89	76.3	2.0	75
	3 1/2"	103.5	89.1	2.0	103.5
	4"	133.4	101.6	2.0	133.4

IDF 焊三通 D-8	IDF WELD TEE				mm
	SIZE	A	D	T (thickness)	
	1"	34	25.4	1.2	
	1 1/4"	34	31.8	1.2	
	1 1/2"	49	38.1	1.2	
	2"	61	50.8	1.5	
	2 1/2"	84	63.5	2.0	
	3"	89	76.3	2.0	
	3 1/2"	103.5	89.1	2.0	
	4"	133.4	101.6	2.0	

IDF 焊十字通	IDF WELD CROSS				mm
	SIZE	A	D	T (thickness)	
	1"	34	25.4	1.2	
	1 1/4"	34	31.8	1.2	
	1 1/2"	49	38.1	1.2	
	2"	61	50.8	1.5	
	2 1/2"	84	63.5	2.0	
	3"	89	76.3	2.0	
	3 1/2"	103.5	89.1	2.0	
	4"	133.4	101.6	2.0	

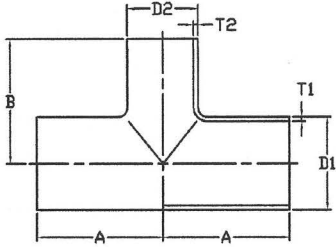
# IDF 焊同心大小頭 T-13

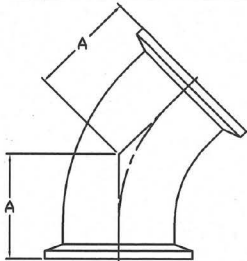
mm

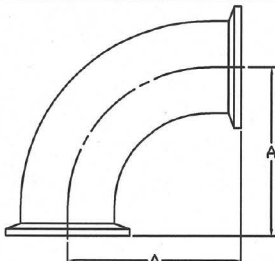
IDF WELD REDUCER with Weld Tangent CONCENTRIC		呼徑	D1	D2	T1	T2	L	呼徑	D1	D2	T1	T2	L
	1 1/4 Sx1 S	31.8	25.4	1.2	1.2	67	3 Sx2 1/2 S	76.3	63.5	2.0	2.0	67	
	1 1/2 Sx1 1/4 S	38.1	31.8	1.2	1.2	67	3 Sx2 S	76.3	50.8	2.0	1.5	67	
	1 1/2 Sx1 S	38.1	25.4	1.2	1.2	67	3 Sx1 1/2 S	76.3	38.1	2.0	1.2	67	
	2 Sx1 1/2 S	50.8	38.1	1.5	1.2	67	3 1/2 Sx3 S	89.1	76.3	2.0	2.0	67	
	2 Sx1 1/4 S	50.8	31.8	1.5	1.2	67	3 1/2 Sx2 1/2 S	89.1	63.5	2.0	2.0	67	
	2 Sx1 S	50.8	25.4	1.5	1.2	67	3 1/2 Sx2 S	89.1	50.8	2.0	1.5	67	
	2 1/2 Sx2 S	63.5	50.8	2.0	1.5	67	4 Sx3 1/2 S	101.6	89.1	2.0	2.0	102	
	2 1/2 Sx1 1/2 S	63.5	38.1	2.0	1.2	67	4 Sx3 S	101.6	76.3	2.0	2.0	102	
	2 1/2 Sx1 1/4 S	63.5	31.8	2.0	1.2	67	4 Sx2 1/2 S	101.6	63.5	2.0	2.0	102	
	2 1/2 Sx1 S	63.5	25.4	2.0	1.2	67	4 Sx2 S	101.6	50.8	2.0	1.5	102	

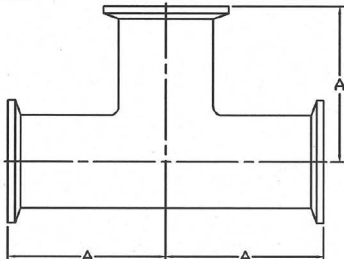
# IDF 焊異徑三通 D-8(R)

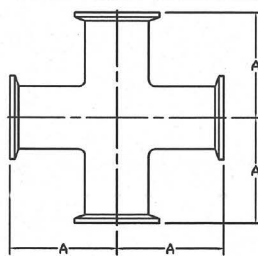
mm

IDF WELD TEE REDUCING		SIZE	D1	D2	A	B	T1	T2
		1 1/2" X 1"	38.1	25.4	49	34	1.2	1.2
		2" X 1"	50.8	25.4	61	49	1.5	1.2
		2" X 1 1/2"	50.8	38.1	61	49	1.5	1.2
		2 1/2" X 1 1/2"	63.5	38.1	84	49	2.0	1.2
		2 1/2" X 2"	63.5	50.8	84	61	2.0	1.5
		3" X 2"	76.3	50.8	89	61	2.0	1.5
		3" X 2 1/2"	76.3	63.5	89	84	2.0	2.0
		4" X 2"	101.6	50.8	133.4	84	2.0	1.5
		4" X 2 1/2"	101.6	63.5	133.4	89	2.0	2.0
		4" X 3"	101.6	76.3	133.4	89	2.0	2.0

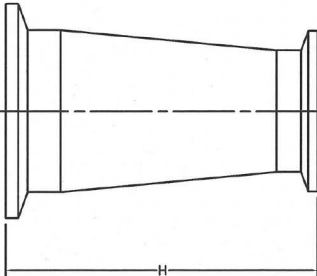
IDF 夾彎 45°	IDF CLAMP ELBOW 45°				mm
	SIZE	A			
	1"	36			
	1½"	44			
	2"	51.5			
	2½"	62			
	3"	72.5			
	4"	82			

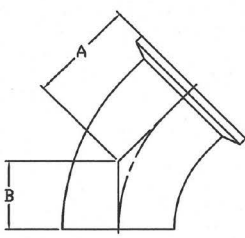
IDF 夾彎 90°	IDF CLAMP ELBOW 90°				mm
	SIZE	A			
	1"	55			
	1½"	70			
	2"	82			
	2½"	105			
	3"	110			
	4"	162			

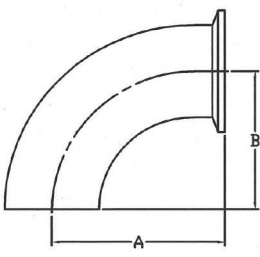
IDF 夾三通	IDF CLAMP TEE				mm
	SIZE	A			
	1"	55			
	1½"	70			
	2"	82			
	2½"	105			
	3"	110			
	4"	162			

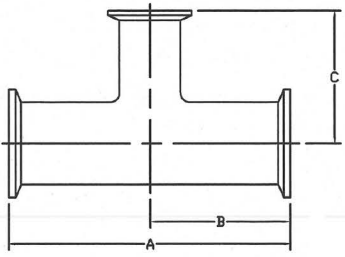
IDF 夾十字通	IDF CLAMP CROSS				mm
	SIZE	A			
	1"	55			
	1½"	70			
	2"	82			
	2½"	105			
	3"	110			
	4"	162			

IDF CLAMP REDUCER w/welded tangent CONCENTRIC

IDF 夾同心大小頭	mm				
	SIZE		H		
	1 1/2"	x 1"	110		
	2"	x 1"	110		
		x 1 1/2"	110		
	2 1/2"	x 1 1/2"	110		
		x 2"	110		
	3"	x 2"	110		
		x 2 1/2"	110		
	4"	x 2"	130		
		x 2 1/2"	130		
		x 3"	130		

IDF 單夾 45°	IDF ELBOW 45°		WELD X CLAMP		mm
	SIZE	A	B	OD	Thickness
	1"	36	15.8	25.4	1.2
	1 1/4"	42.7	15.8	31.8	1.2
	1 1/2"	44	23.8	38.1	1.2
	2"	51.5	31.6	50.8	1.5
	2 1/2"	62	42	63.5	2.0
	3"	72.5	52.6	76.3	2.0
	4"	82	55.4	101.6	2.0

IDF 單夾 90°	IDF ELBOW 90°		WELD X CLAMP		mm
	SIZE	A	B	OD	Thickness
	1"	55	35	25.4	1.2
	1 1/4"	65	38	31.8	1.2
	1 1/2"	70	50	38.1	1.2
	2"	82	62	50.8	1.5
	2 1/2"	105	85	63.5	2.0
	3"	110	90	76.3	2.0
	4"	160	133.4	101.6	2.0

IDF 夾異徑三通	IDF CLAMP TEE REDUCING				mm
	SIZE		A	B	C
	1½"	x 1"	143	71.5	61.5
	2"	x 1"	167	83.5	66.5
		x 1½"	167	83.5	66.5
	2½"	x 1½"	213	106.5	71.5
		x 2"	213	106.5	71.5
	3"	x 1½"	223	111.5	81.5
		x 2"	223	111.5	81.5
		x 2½"	223	111.5	81.5
	4"	x 2"	298.6	149.3	91.5
		x 2½"	298.6	149.3	91.5
x 3"		298.6	149.3	91.5	





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Tri-Clamp接頭/夾盤(Ferrule)、盲蓋(Blank)  
管夾/夾帶/卡箍(Clamp)、軟管接頭(Hose Barb)  
45°、90° 彎頭(Elbow)、大小頭(Reducer)  
三通(Tee)、平口三通、十字通(Cross)  
管架/管束(Support & Hanger)、食品級墊片  
Silicone、EPDM、Viton、Teflon、Buna-N

Strainer & Filter 過濾器

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Sight Liquid Level Gauge 液位計

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尺寸: 1"、1.5"、2"、2.5"、3"、4"

耐壓: 水壓 10 kg/cm<sup>2</sup> (142 psi at 30° C / 86° F)



- 不鏽鋼 食品衛生級 離心式泵浦 CIP HYGIENIC CENTRIFUGAL PUMPS
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