



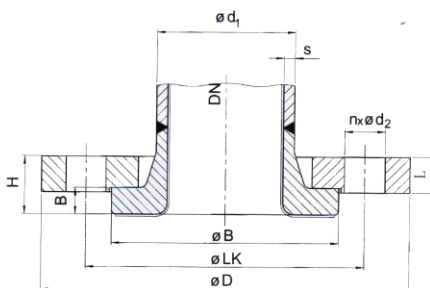
CREAS

**Glass Lined piping System
Products & On-site Service**
搪玻璃管道系統
產品及現場服務

A C E M E N D E R



Nozzle & loose flange 管口和活套法蘭



DN	Φ D	Φ LK	Φ B	n×Φ d2	Pipe diameter	Flange thickness		
inch	mm	mm	mm	mm	Φ d1× s	H	B	L
ANSI 150lb								
1 "	108	79.5	61	4×15	35×4	24	12	14
1 1/4 "	117	89	71	4×15	42×4	28	12	16
1 1/2 "	127	98.5	80	4×15	50×4	24	12	14
2 "	152	121	102	4×19	62×5	28	14	16
2 1/2 "	178	140	118	4×19	75×5	34	14	18
3 "	191	152	130	4×19	90×5	32	16	18
4 "	229	191	158	8×19	110×5	34	16	20
5 "	254	216	188	8×23	135×5	38	18	20
6 "	279	241	212	8×23	160×5	38	18	23
8 "	343	298	268	8×23	220×8	43	20	26
10 "	406	362	320	12×25	271×9	47	22	25
12 "	483	432	370	12×25	322×9	52	22	30
14 "	533	476	430	12×28	355×8	60	25	35
16 "	597	540	482	16×28	406×10	68	28	40
18 "	635	578	532	16×31	457×10	70	30	40
20 "	698	635	585	20×31	508×11	75	30	45
DIN PN10								
25	115	85	68	4×14	35×4	24	12	14
32	140	100	78	4×18	42×4	24	12	14
40	150	110	88	4×18	50×4	24	12	14
50	165	125	102	4×18	62×5	28	14	16
65	185	145	122	4×18	75×5	30	14	18
80	200	160	138	8×18	90×5	32	16	18
100	220	180	158	8×18	110×5	34	16	20
125	250	210	188	8×18	135×5	37	18	22
150	285	240	212	8×23	160×5	39	18	24
200	340	295	268	8×23	220×8	45	20	28
250	395	350	320	12×23	271×9	51	22	32
300	445	400	370	12×23	322×9	53	22	34
350	505	460	430	16×23	355×8	60	25	35
400	565	515	482	16×27	406×10	68	28	40
450	615	565	532	20×27	457×10	70	30	40
500	670	620	585	20×27	508×11	75	30	45

* ANSI 300lb & DIN PN16 on request 請諮詢。



Pipe & Elbow 直管和弯头

Operating Condition: High Vacuum, High Temperature

技術參數 Technical Data

- 操作壓力：全真空，最高可達10bar。

Operating Pressure: Full vacuum, max. up to 10bar.

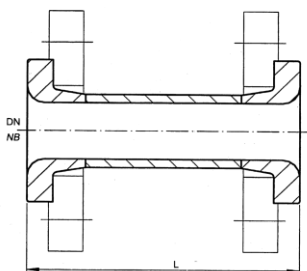
- 操作溫度 Operating Temperature: -20 / 230 °C. (depends on gaskets)

- 法蘭標準 flange connection: GB PN1.0, DIN PN10, ANSI 150lb , JIS 10K

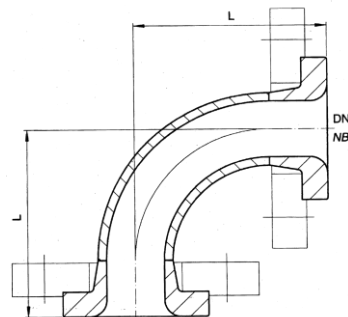
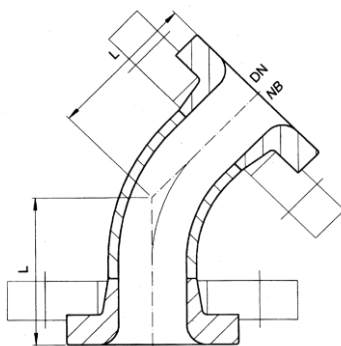
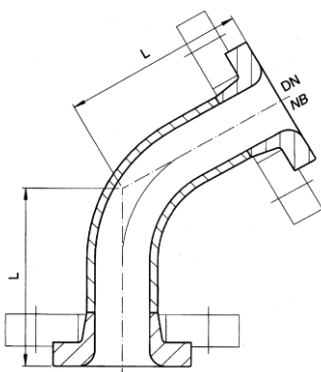
- 材料 Materials: 20# GB/T 8163 , *美標材料須諮詢 ASTM Material on request.

- 搪玻璃質量 Quality of Glass lined : According to DIN 2872

直管 Pipe: 最大法蘭間距 Max. flange to flange length: 3000 mm ($\geq$ DN50)



彎頭 Elbow:

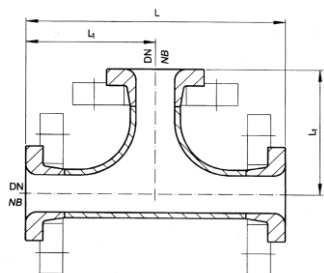


DN	25	32	40	50	65	80	100	125	150	200	250	300	400	500
角度 Angle °	长度 Length (L) mm													
45°	60	65	70	80	85	95	105	125	150	180	220	260	300	360
60°	65	80	85	100	100	110	120	130	150	180	220	280	400	510
90°	90	100	105	115	120	135	155	175	195	260	315	350	450	550



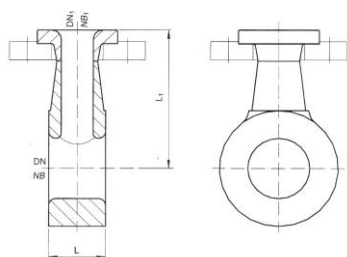
Tee 三通

等徑三通 Equal Tee:



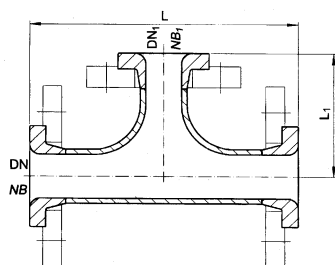
DN	25	32	40	50	65	80	100
L	180	200	210	230	240	270	310
L1	90	100	105	115	120	135	155
DN	125	150	200	250	300	400	500
L	350	390	520	630	700	900	1100
L1	175	195	260	315	350	450	550

儀表三通 Measurement Tee:



DN	L1	L	DN1	L	DN1	L	DN1
25	90	50	25				
32	100						
40	110						
50	120						
65	135						
80	145						
100	155						
125	170						
150	190						
200	215						
250	245	100	25	100	25	100	50
300	270						
400	350						
500	400						

異徑三通 Reducing Tee:



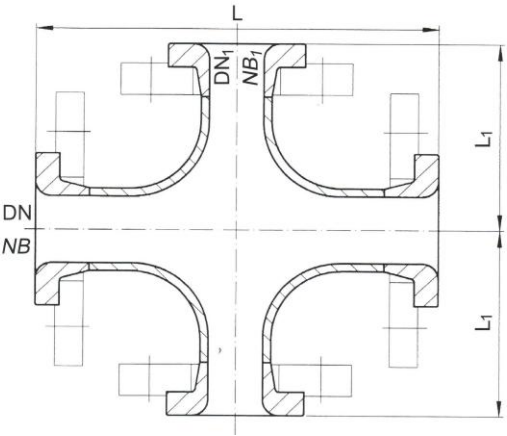
DN	L	DN1	25	32	40	50	65	80	100	125	150	200	250
32	200	L1	95										
40	210		95	100									
50	230		100	105	110								
65	240		105	110	115	120							
80	270		115	120	125	130	135						
100	310		125	130	135	140	145	150					
125	350		140	145	150	155	160	165	170				
150	390		155	160	165	170	175	180	185	190			
200	520		185	190	195	200	205	210	215	220	225		
250	630		230	235	240	245	250	255	260	265	270	275	
300	700		220	225	230	235	240	245	255	260	270	310	330
400	900		270	275	280	285	290	295	305	310	320	360	380
500	1100		320	325	330	335	340	345	355	360	370	410	430



Cross 四通

等徑四通 Equal Cross:

DN	ø d	L
25	32	160
40	49	210
50	64	230
80	77	270
100	97	310
150	134	390



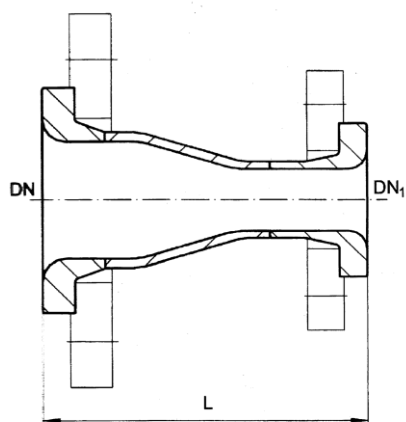
異徑四通 Reducing Cross:

DN	L	DN1	25	32	40	50	65	80	100	125	150	200	250
32	200	L1	95										
40	210		95	100									
50	230		100	105	110								
65	240		105	110	115	120							
80	270		115	120	125	130	135						
100	310		125	130	135	140	145	150					
125	350		140	145	150	155	160	165	170				
150	390		155	160	165	170	175	180	185	190			
200	520		185	190	195	200	205	210	215	220	225		
250	630		230	235	240	245	250	255	260	265	270	275	
300	700		220	225	230	235	240	245	255	260	270	310	330
400	900		270	275	280	285	290	295	305	310	320	360	380
500	1100		320	325	330	335	340	345	355	360	370	410	430

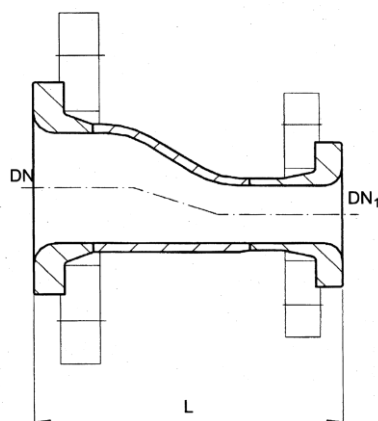


Reducing Pipe 異徑管

異徑管 Reducing Pipe:



同心 Homocentric

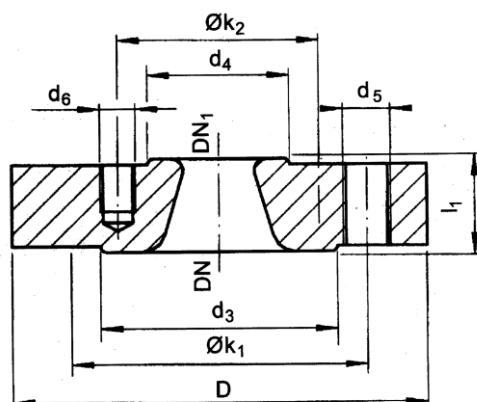


偏心 Decentration

DN	L	25	32	40	50	65	80	100	125	150	200	250	300	400
32	140	*												
40	140	*	*											
50	140	*	*	*										
65	150		*	*	*									
80	160			*	*	*								
100	175				*	*	*							
125	200					*	*	*						
150	225						*	*	*					
200	250							*	*	*				
250	300								*	*	*			
300	350									*	*	*		
400	450										*	*	*	
500	550											*	*	*



Reducing Flange 異徑法蘭



DN	DN1	D	d3	ØK1	n	d5	d4	ØK2	n	d6	l1
40	25	150	85	110	4	M16	65	85	4	M12	30
	32						75	100		M16	
50	25	165	100	125	4	M16	65	85	4	M12	30
	40						85	110		M16	
60	25	185	120	145	4	18	65	85	4	M12	30
	40					M16	85	110		M16	
	50						100	125			
80	25	200	135	160	8	18	65	85	4	M12	30
	40					M16	85	110		M16	
	50						100	125			
	65						120	145			
100	25	220	155	180	8	18	65	85	4	M12	40
	40						85	110		M16	
	50					M16	100	125			
	65						120	145			
	80						135	160	8		
125	25	250	185	210	8	18	65	85	4	M12	40
	40						85	110		M16	
	50						100	125			
	65					M16	120	145			
	80						135	160	8		
	100						155	180			
150	25	285	210	240	8	23	65	85	4	M12	40
	40						85	110		M16	
	50						100	125			
	65						120	145			
	80						135	160	8		
	100					M20	155	180			
	125						185	210			

* 其他尺寸請諮詢 Other size on request.



Spacer & Ring Glass 定距片及環狀視鏡

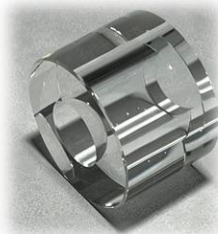
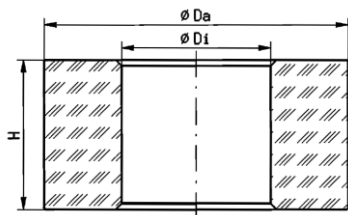
定距片 Spacer

DN	厚度 Thickness													
	10	15	20	25	30	35	40	45	50	60	70	80	90	100
25	A	A	A	A	A	A	A	A	A	A	B	B	B	
32	A	A	A	A	A	A	A	A	A	A	B	B	B	
40	A	A	A	A	A	A	A	A	A	A	B	B	B	
50	A	A	A	A	A	A	A	A	A	A	B	B	B	
65	A	A	A	A	A	A	A	A	A	A	B	B	B	
80	A	A	A	A	A	A	A	A	A	A	B	B	B	
100	A	A	A	A	A	A	A	A	A	A	B	B	B	
125		A	A	A	A	A	A	A	A	A	A	B	B	B
150		A	A	A	A	A	A	A	A	A	A	B	B	B
200		A	A	A	A	A	A	A	A	A	A	B	B	B
250		A	A	A	A	A	A	A	A	A	A	B	B	B
300		A	A	A	A	A	A	A	A	A	A	B	B	B
400			A	A	A	A	A	A	A	A	A	B	B	B
500			A	A	A	A	A	A	A	A	A	B	B	B

A: recommend 推荐

環狀視鏡 Ring Glass:

- 夾持在兩個法蘭之間的視鏡玻璃，更少物料殘留。The ring glass assembly both flanges, Less material residue.

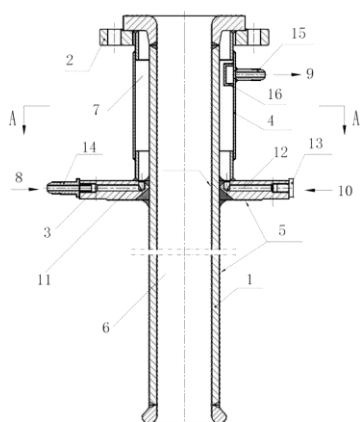


歐標	美標	內徑	外徑	厚度 H
DN	ND	d1	d3	Thickness
PN10	150 lb	[mm]	[mm]	[mm]
25	1 "	29	68	50
50	2 "	55	102	50
80	3 "	83	138	50
100	4 "	108	158	50
150	6 "	160	212	50
200	8 "	208	268	50
250	10 "	261	320	50
300	12 "	310	370	50





- Operating Pressure 操作壓力: 0 ~ 6 bar
- Non vacuum resistance 不耐真空。
- Operating Temperature 操作溫度: -20 ~ 120 °C
- Inside and outside of tube lined PTFE 管子內襯外包PTFE
- Pure PTFE or Conductive PTFE possible 純PTFE或導電PTFE
- Easy to produce, shorter lead time 製作簡單，週期短。
- Small inner diameter is possible. 可以製作小內徑管。
- Customized 客製化



- Operating Pressure 操作壓力: Full vacuum 全真空 ~ 6 bar
- Operating Temperature 操作溫度: -20 ~ 230 °C
- Inside and outside of tube Glass Lined 管子內外搪玻璃
- Customized 客製化
- Inner Diameter 內徑 $\geq \varnothing 50$ mm
- Hot water Jacket Possible, 可以製作熱水夾套

- Operating Pressure 操作壓力: Full vacuum 全真空 ~ 6 bar
- Operating Temperature 操作溫度: -20 ~ 230 °C
- Inside tube inner lined and outside tube outer lined
內管內搪玻璃，外管外搪玻璃
- Customized 客製化
- Inner Diameter 內徑 $\geq \varnothing 25 \text{ mm}$
- Hot water Jacket Possible，可以製作熱水夾套
- PT100 Thermowell inside of layer between double wall possible，
可以在雙管夾層加裝PTFE溫度計



