

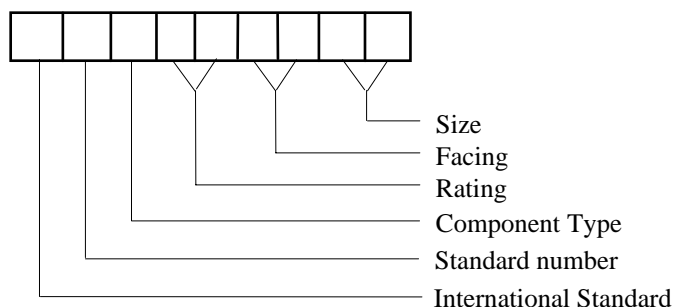
PDMS管道元件命名规则(中文版)

2004. 8

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1. Naming Components 元件命名



International Standard: 国际标准

- A** ANSI Standard (ANSI)
- B** British Standard (BS)
- C** China (中国)
- D** Deutsche Institut für Normung (DIN)
- F** FRAMATOME
- I** ISO
- M** Manufacturers Standardisation Society (MSS)
- P** American Petroleum Institute (API)
- J** Japanese Standards

Standard 标准

BS1560, ANSI B16.9, DIN 2050, 中国 (如GB、JB等) etc.

Type 类型

PDMS 常用类型: **ATTA, TEE, BEND, ELBO, REDU, FLAN, OLET, NOZZ CROSS, VALVE, INST** etc.

Rating 压力等级

ANSI, BS, API, MSS **125#, 150#, 300#, 600#, 900#, 1500#, 2500#, 3000#, 6000#, 9000#** (#=lb/sq. in.)

China(中国) **0.25MPa, 0.6MPa, 1.0MPa, 1.6MPa, 2.5MPa, 6.3MPa, 10.0MPa, 16.0MPa, 25.0MPa, 32.0MPa,**

DIN (ND=Neenndruck) **10, 16, 25, 63, 100, 160, 250, 320, 400**

Facing 端面类型

ANSI,BS,API,MSS,DIN	ANSI,BS,API,MSS	DIN	China
RF Raised Face	TO Tongue	FE Tongue	RF 凸台面,突面,光滑面
FF Flat Face	GR Groove	NU Groove	FF 平面法兰
RTJ Ring Type Joint	MA Male	VS Projection	RTJ 环连接面法兰
SCF Screwed Female	FE Female	RS Recess	SCF 内螺纹连接
SCM Screwed Male			SCM 外螺纹连接
TUB Plain End			TUB 管子
BLF Blinded			BLF 盲板
BWD Buttweld End			BWD 对焊连接
LIN Lined Facing			

Size: 公称直径

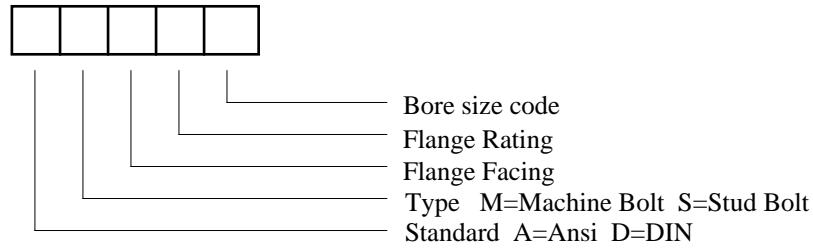
Nominal bore sizes in inches or mm 英制或公制的公称直径

Typical Catalogue Names: 典型的Catalogue命名

BARC200=	BS1640 BW CONC REDUCER
AAEA200=	ANSI B16.9 BW ELBOW 90 DEG
CAFWBD0=	中国国标GB12459-96 PN1.6Mpa带颈对焊法兰
DCZFBP0=	DIN 2633 FLANGED NOZZLE PN16RF
DAVHBPR=	DIN 3202 GLOBE VALVE PN16 RF

2. Bolting 螺栓

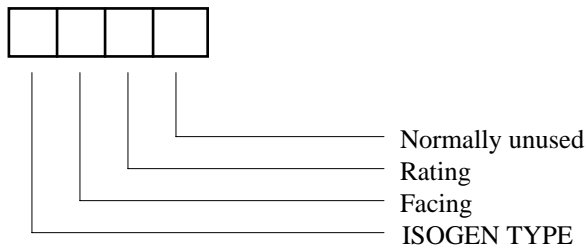
Bolts are named according to the following convention 螺栓是根据以下规则命名:



Flange Face: 法兰端面:	Flange Rating: 法兰压力等级:	Bore code: 公称直径:	DIN	ANSI
A FF	A PN 125#	A	6	1/8"
B RF	B PN 150#	B	8	1/4"
C FE-DIN2512	C PN 250#	C	10	3/8"
D NU-DIN2512	D PN 300#	D	15	1/2"
E	E PN 400#	E	20	3/4"
F	F PN 600#	F	25	1"
G	G PN 900#	G	32	1.1/4"
H	H PN 1500#	H	40	1.1/2"
J	J PN 2500#	J	50	2"
K	K PN 5000#	K	65	2.1/2"
L	L PN 0.25	L	80	3"
M	M PN 0.6	M	90	3.1/2"
N	N PN 1.0	N	100	4"
P V13-DIN2513	P PN 1.6	P	125	5"
Q R13-DIN2513	Q PN 2.5	Q		
R	R PN 4.0	R	150	6"
	S PN 6.3	S	175	7"
	T PN 10.0	T	200	8"
	U PN 16.0	U		
	V PN 25.0	V	250	10"
	W PN 32.0	W	300	12"
	X PN 40.0	X	350	14"
	Y PN 75#	Y	400	16"
	Z PN 10000#	Z	450	18"
		1	500	20"
		2	550	22"
		3	600	24"
		4	650	26"
		5	700	28"
		6	750	30"
		7	800	32"
		8	850	34"
		9	900	36"

3. COCO Table Coding 端面匹配表命名

connection types are coded according to the following convention:
联接类型是根据以下规则命名:



Each COCO is restricted to a maximum of 4 characters to define the connection. The following types are treated as standard connections and there meanings are described below:-

每个COCO是用最多4个字符的代码来定义联接类型，以下是一些标准的联接类型的代码及表述:

ALL	Compatible with all items 所有元件兼容	SCF	Screwed Female 内螺纹
ATT	Attachment 附件	SCM	Screwed Male 外螺纹
BWD	Buttweld 对焊	CLOS	Closed end 堵头
SWF	Female Socketwelding 内承插焊	SWM	Male Socketwelding 外承插焊
TUB	Pipe or Tubing 管子	OPEN	Open end 开口端
VENT	Open to vent 排空口	DRAN	Drain connection 排水管联接

The following codes are used to set the connection types of flanged items. Each character defines a different attribute of the appropriate connection type.

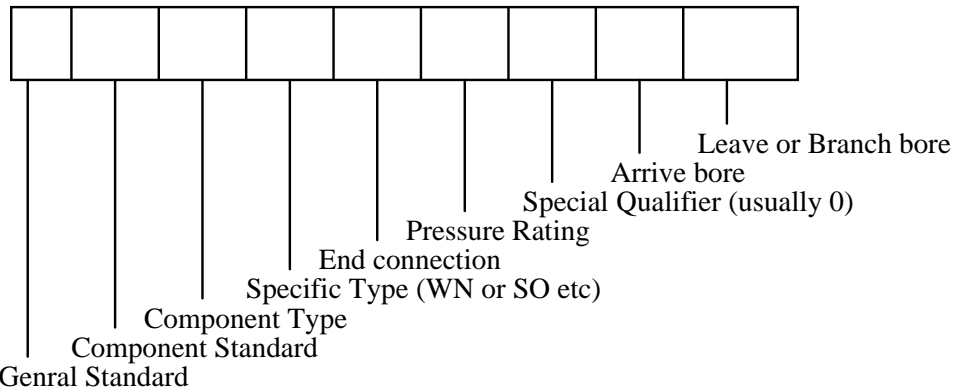
以下代码是用来设置法兰联接类型，每个字符定义了相关联接类型的不同属性。

PDMS Type (char 1)	Facing (char 2)	Rating (char 3)
F Flange facing (for Flanges, Valves etc.)	A FF 全平面	A PN 125#
G Gasket facing(To connect to flanges)	B RF 凸台面	B PN 150#
W Wafer type component (Char 1 followed by normal flange COCO)	C T 榫面	C PN 250#
	D G 槽面	D PN 300#
	E	E PN 400#
	F	F PN 600#
	G	G PN 900#
	H	H PN 1500#
	J	J PN 2500#
	K	K PN 5000#
	L	L PN 0.25
	M Female凹面	M PN 0.6
	N Male 凸面	N PN 1.0
	P V13 DIN2513	P PN 1.6
	Q R13 DIN2513	Q PN 2.5
	R RJ (环连接面)	R PN 4.0
	S	S PN 6.3
	T	T PN 10.0
	U	U PN 16.0
		V PN 25.0
		W PN 32.0
		X PN 40.0
		Y
		Z

4. Component NAME codes 元件命名标准

Each character of the component name can be selected from the appropriate tables.

Character 3 defines the component type. Character



1 is derived from the international standard columns on page 4.

All other characters are derived from the component specific page as either direct information or reference to the tables.

元件名称的每个字符都可从相关表格中选取。字符3定义了元件类型，字符1可从第4页中的国际标准栏中选取。

所有其它字符都可从元件代码表及参考表中选取。

Example: To find the name of a 100NB ANSI B 16.9 LR 90 degree BW elbow

例如： 查找**100NB ANSI B 16.9 LR 90 degree BW elbow**的名称

Char 1 is selected from page 4 = **A**

(字符1从第2页中选取)

Char 3 is selected from the type list on page 8 = **E**

(字符3从第6页中选取)

Char 2 is then selected from page 16 = **A**

(字符2从第16页中选)

This gives the first 3 characters as **AAE**

(这里定义了前3个字符)： **AAE**

Char 4 is selected from page 17 as Long Radius = **A**

(字符4从第17页中选取作为长半径)

The chart at the bottom of page 17 then points to the tables to be used to get the rest of the characters

(在第17页底部的表中定义了其余字符)

Char 5 is selected from the facing table E1 or E2 page 53/54 = **2**

(字符5可从第53/54页facing table E1 or E2中选取)

Char 6 is selected from the pressure rating table D1 page 56 = **0**

(字符6可从第56页Pressure rating table D1中选取)

Char 7 is selected from D2 page 57 as Not specified = **0**

(字符7可从第57页D2中选取作为未指定)

Finally the bore sizes are selected from table N1. There are characters for both bore sizes so the

final two characters are **NN**

(最后公称直径可从表N1中选取。有两个公称直径，所以最后两个字符是NN)

This gives us a catalogue name of AA EA200 NN

(这将得出该元件名称：**AA EA200 NN**)

Component Type 元件类型

--	--	--	--	--	--	--	--	--

A	Auto (Control Valve, specials etc.)	仪表自控（控制阀，特殊阀等）
B	Bend	弯管
C	Coupling	联接器
D	Blank flanges	法兰盖
E	Elbow	弯头
F	Flanges	法兰
G	Gaskets	垫片
H	Insulation	保温
I	Instrument	仪表
J		
K	Closures (Cap, Plug)	堵头（管帽，管塞）
L		
M	Miscellaneous	其它
N	Nipples	短管
P	Pipe	管子
Q		
R	Reducer	大小头
S	Stub-Ends	轴端
T	TEEs	三通
U		
V	Valves	阀门
W	Welds	焊点
X	Atta, Support	附件，支架
Y		
Z	Nozzles	管嘴

Control Valves Specials etc. 特殊控制阀

Typ		A						
-----	--	---	--	--	--	--	--	--

Typ=M	Typ=N	Typ=S	Typ=W
A	A	A	A Worcester
B	B	B	B
C	C	C	C
D	D	D	D
E	E	E	E
F	F Fisher	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N
P	P	P	P
Q	Q	Q	Q
R	R	R	R
S Masoleian	S	S Severn	S
T	T	T	T
U	U	U	U
V	V Northvale	V	V
W	W	W	W
X	X	X	X
Y	Y	Y	Y
Z	Z	Z	Z

Typ=C China
A SH
B HG

Regulating valves 调节阀

		A						
--	--	---	--	--	--	--	--	--

A	Angle, Direct Acting Globe	角阀，直动式截止阀
B	Ball	球阀
C		
D	Direct Acting Globe	直动式截止阀
E		
F	Butterfly	蝶阀
G		
H		
J		
K		
L		
M		
N		
P	Plug	塞型阀
Q		
R	Reverse acting globe	反向截止阀
S		
T		
U		
V		
W		
X		
Y		
Z		
1		
2		
3	Three Way	三通阀
4		
5		
6		
7		
8		
9		
0		

Regulating valves -actuator operated 调节阀---执行机构

		A						
--	--	---	--	--	--	--	--	--

A		
B		
C		
D	Diaphragm	膜片
E	Electric Motor	电动马达
F		
G		
H		
J		
K		
L		
M		
N		
P	Piston – Linear	线性活塞
Q		
R	Piston – Rotary	旋转活塞
S		
T		
U		
V		
W		
X		
Y		
Z		
1		
2		
3		
4		
5		
6		
7		
8		
9		
0		

Character table reference for Auto items 自动控制阀的字符参考表

		A						
--	--	---	--	--	--	--	--	--

Nominal Bore 2 = Table N1
Nominal Bore 1 = Table N1
Pressure Rating = Table D1
Facing = Table E1

Bend 弯管

Std.		B						
------	--	----------	--	--	--	--	--	--

American Std.= A	British Std.= B	DIN Std.= D	MSS Std.= M
A ANSI B16.9	A BS 1640	A	A MSS-SP83
B ANSI B16.11	B BS 3799	B	B
C ANSI B16.3	C BS 1387	C	C
D ANSI B16.4	D BS 143	D	D
E ANSI B16.18	E	E	E
F ANSI B16.22	F	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N

China Std.=**C**

A
B
C
D
E
F
G SH3410-96 锻钢制承插焊管件
H
J
K
L
M
N

Manufacturers Std.= **V**

A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T Victaulic

Bend specific type 弯管特殊类型

		B						
--	--	----------	--	--	--	--	--	--

A		
B		
C		
D	Single Tangent (LR)	单切线（长半径）
E	Double Tangent (LR)	双切线（长半径）
F	Long Radius Return (3NB)	
G	Short Radius Return(2NB)	
H		
J		
K	Close Radius	
L	Medium Radius	
M	Open Radius	
N	67.5 Deg Spring	
P	45 Deg Spring	
Q	22.5 Deg Spring	
R	90 Deg Bend	
S	3D Pulled Bend	
T	4D Pulled Bend	
U	5D Pulled Bend	
V	Variable Radius Bend	变径弯管
W		
X	Mitre Bend	虾米腰弯管
Y		
Z	45 Deg Bend	45度弯管
1	45 Deg Bend R=1NB	45度弯管 R=1NB
2	90 Deg Bend R=2.5NB	90度弯管 R=2.5NB
3	45 Deg Bend R=2.5NB	45度弯管 R=2.5NB
4	45 Deg Bend R=5NB	45度弯管 R=5NB
5		
6	60 Deg Bend	60度弯管
7		
8		
9		
0		

Character table reference for bends 弯管字符参考表

		B				0		
--	--	----------	--	--	--	----------	--	--

Facing = Table E1
Pressure Rating = Table D1
Wall Thickness (generally 0) = Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Coupling

管箍

Std.		C						
------	--	----------	--	--	--	--	--	--

American Std.= A	British Std.= B	DIN Std.= D	MSS Std.= M
A ANSI B16.9	A BS 1640	A	A MSS-SP83
B ANSI B16.11	B BS 3799	B	B
C ANSI B16.3	C BS 1387	C	C
D ANSI B16.4	D BS 143	D	D
E ANSI B16.18	E	E	E
F ANSI B16.22	F	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N

China Std.= **C**

A
B
C
D
E
F
G SH3410-96 锻钢制承插焊管件
H
J
K
L
M
N

Manufacturers Std.= **V**

A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T Victaulic

Example : 例如:

ANSI B16.4 Straight Coupling = **ADC**

Victaulic Coupling = **VTC**

管箍类型

		C					
--	--	---	--	--	--	--	--

A	
B	
C	
D	Dow Radial Clamp
E	
F	Full Coupling
G	
H	Half Coupling
J	
K	
L	
M	
N	
P	
Q	
R	Flange Adapter, Radial Lock
S	
T	
U	Union
V	Victaulic
W	
X	
Y	
Z	
1	
2	
3	
4	
5	
6	
7	
8	
9	
0	

联接器字符参考表

		C				0	
--	--	----------	--	--	--	----------	--

Nominal Bore 2 = Table N1
Nominal Bore 1 = Table N1
Wall Thickness (generally 0) = Table D2
Pressure Rating = Table D1
Facing = Table E1

Blank Flanges

法兰盖

Std		D						
-----	--	----------	--	--	--	--	--	--

China Std.=C

A JB/T 86.1-94 凸面钢制管法兰盖

B JB/T 86.2-94 凹凸面钢制管法兰盖

C HG 20601-97 《钢管制法兰盖（欧洲体系）》

D HG 20602-97 《不锈钢衬里法兰盖（欧洲体系）》

Manufacturers Std.= V

A

B

C

D

		D						
--	--	---	--	--	--	--	--	--

- A
- B
- C
- D
- E
- F 全平面 FF
- G
- H
- J 环连接面 RJ
- K
- L
- M 凹凸面 MFM
- N 凸面 M
- P
- Q
- R 突面 RF
- S
- T 榫槽面 TG
- U 榫面 T
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Elbows

弯头

Std.		E						
------	--	----------	--	--	--	--	--	--

American Std.= A	British Std.= B	DIN Std.= D	Manufacturers Std.= P
A ANSI B16.9	A BS 1640	A DIN 2605	A
B ANSI B16.11	B BS 3799	B	B
C ANSI B16.28	C BS 1740	C	C
D ANSI B16.5	D BS 1965	D	D Peabody Dore
E ANSI B16.3	E BS 1387	E	E
F ANSI B16.4	F BS 143	F	F
G ANSI B16.22	G	G	G
H ANSI B16.18	H	H	H
J ANSI B16.24	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N

China Std.= C	Manufacturers Std.= V
A GB12459-90 钢制对焊无缝管件(A系列)	A
B GB12459-90 钢制对焊无缝管件(B系列)	B
C SHJ408-90 不锈钢、碳素钢、合金钢无缝弯头及管封头系列 (系列 I)	C
D SHJ408-90 不锈钢、碳素钢、合金钢无缝弯头及管封头系列 (系列 II)	D
E SH3408-96 不锈钢、碳素钢、合金钢无缝弯头及管封头系列	E
F SH3409-96 钢板焊制弯头系列及管封头系列	F
G SH3410-96 锻钢制承插焊管件	G
H	H
J	J
K	K
L	L
M	M
N	N
	P
	Q
	R
	S
	T Victaulic

Example : 例如:

Elbow DIN 2605 = **DAE**

Victaulic Elbow = **VTE**

Elbow specific type

弯头特殊类型

		E					
--	--	---	--	--	--	--	--

- A Long Radius (R=1.5 NB)

长半径
- B Short Radius (R= 1 NB)

短半径
- C 45 Deg Elbow

45度弯头
- D Single Tangent (LR)
- E Double Tangent (LR)
- F Long Radius Return (3NB)
- G Short Radius Return(2NB)
- H Reducing

异径弯头
- J Street Elbow
- K Close Radius
- L Medium Radius
- M Open Radius
- N 67.5 Deg Spring
- P 45 Deg Spring
- Q 22.5 Deg Spring
- R 90 Deg Bend
- S 3D Pulled Bend
- T 4D Pulled Bend
- U 5D Pulled Bend
- V Variable Radius Bend
- W
- X Mitre Bend
- Y Side Outlet Elbow
- Z 45 Deg Bend
- 1 45 Deg Elbow R=1NB
- 2 90 Deg Elbow R=2.5NB
- 3 45 Deg Elbow R=2.5NB
- 4 45 Deg Elbow R=5NB
- 5
- 6 60 Deg Elbow

60度弯头
- 7 30 Deg Elbow

30度弯头
- 8

带碳钢短管
- 9

不带碳钢短管
- 0

Character table reference for Elbows 弯头字符参考表

		E					
--	--	---	--	--	--	--	--

Nominal Bore 2 = Table N1

Nominal Bore 1 = Table N1

Wall Thickness = Table D2

Pressure Rating = Table D1

Facing = Table E1

Flanges

法兰

Std.		F						
------	--	----------	--	--	--	--	--	--

American Std.= A		British Std.= B		DIN Std.= D		MSS Std.= M	
A	ANSI B16.5	A	BS 1770	A	DIN 2632	A	MSS SP-44
B	API 600	B	BS 1560	B	DIN 2633	B	MSS SP-51
C	API 605	C	BS 3293	C	DIN 2635	C	
D	ANSI B16.36	D	BS 4504	D	DIN 2527	D	
E	ANSI B16.24	E	BS 10	E	DIN 2631	E	
F		F	BS 2035	F	DIN 2634	F	
G		G		G	DIN 2636	G	
H		H	BS 4622	H	DIN 2630	H	
J		J	BS 4772	J	DIN 2637	J	
K		K		K	DIN 2638	K	
L		L		L	DIN 2641	L	
M		M		M		M	
N		N		N	DIN 2512	N	
P		P		P		P	
Q		Q		Q		Q	
R		R		R	DIN 2628	R	
S		S		S	DIN 2629	S	

China Std.=**C**

A	SH3406-96	石化法兰标准
B	JB/T 79.2-94	凹凸面整体铸钢管法兰（系列1）
C	JB/T 79.3-94	榫槽面整体铸钢管法兰（系列1）
D	JB/T 79.4-94	环连接面整体铸钢管法兰（系列1）
E	JB/T 81-94	凸面板式平焊钢制管法兰（系列1）
F	JB/T 82.1-94	凸面对焊钢制管法兰（系列1）
G	JB/T 82.2-94	凹凸面对焊钢制管法兰（系列1）
H	JB/T 82.3-94	榫槽面对焊钢制管法兰（系列1）
J	JB/T 83-94	环连接面对焊钢制管法兰（系列1）
K	JB/T 85-94	翻边板式松套钢制管法兰（系列1）
L	HG 20593-97	《板式平焊钢制管法兰（欧洲体系）》
M	HG 20594-97	《带颈平焊钢制管法兰（欧洲体系）》
N	HG 20595-97	《带颈对焊钢制管法兰（欧洲体系）》
P	HG 20596-97	《整体钢制管法兰（欧洲体系）》
Q	HG 20597-97	《承插焊钢制管法兰（欧洲体系）》
R	HG 20598-97	《螺纹钢制管法兰（欧洲体系）》
S	HG 20599-97	《对焊环松套钢制管法兰（欧洲体系）》
T	HG 20600-97	《平焊环松套钢制管法兰（欧洲体系）》

Flange Type

法兰类型

		F						
--	--	---	--	--	--	--	--	--

- A
- B Blind盲板
- C Screwed Boss
- D
- E
- F
- G
- H Hub Slip on带颈平焊法兰
- J IF整体法兰
- K
- L Lap
- M
- N
- P Plate Slip on板式平焊法兰
- Q Orifice孔法兰
- R Reducing大小法兰
- S Socket Weld承插焊法兰
- T Threaded螺纹法兰
- U
- V Victaulic
- W Weld Neck带颈对焊法兰
- X Spacer
- Y PJ/SE对焊环松套法兰
- Z PJ/PR平焊环松套法兰
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Orifice Flanges

孔板法兰

		F	Q					
--	--	----------	----------	--	--	--	--	--

A	BSP	Weld Neck	:BSP
B	NPT	Weld Neck	:NPT
C	SW	Weld Neck	:SW
D		Socket Weld	:BSP
E		Socket Weld	:NPT
F		Socket Weld	:SW
G		Screwed BSP	:BSP
H	BSP : NPT	Screwed BSP	:NPT
J	BSP : SW	Screwed BSP	:SW
K	NPT : BSP	Screwed NPT	:BSP
L	NPT : NPT	Screwed NPT	:NPT
M	NPT : SW	Screwed NPT	:SW
N	BSP	Slip on	:BSP
P	NPT	Slip on	:NPT
Q	SW	Slip on	:SW
R			
S			
T			
U			
V			
W			
X			
Y			
Z			
1			
2			
3			
4			
5			
6			
7			
8			
9			
0	not used		

Reducing Flanges

		F	R					
--	--	---	---	--	--	--	--	--

- A Weld Neck concentric
- B Weld Neck eccentric
- C Socket Weld concentric
- D Socket Weld eccentric
- E Screwed BSP concentric
- F Screwed BSP eccentric
- G Screwed NPT concentric
- H Screwed NPT eccentric
- J Slip On concentric
- K Slip On eccentric
- L Filler Flange
- M
- N
- P
- Q
- R
- S
- T
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0 Not Used

Character table reference for flanges 法兰字符参考表

		F						
--	--	---	--	--	--	--	--	--

Facing = Table E1
Pressure Rating = Table D1
Wall Thickness = Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Gaskets

垫片

Std.		G						
------	--	----------	--	--	--	--	--	--

American Std.= **A**

A ANSI B16.20

B ANSI B16.21

C ANSI B16.5

D API 605

E

F

G

H

J

K

L

M

British Std.= **B**

A BS 3063 (BS10/1770/2035)

B BS 3381 (BS1560)

C BS 4865 (BS4504/4622/4772)

D BS 1560 (BS1560)

E BS 3293 (BS3293)

F

G

H

J

K

L

M

DIN Std.= **D**

A DIN 2690 (for DIN2501)

B DIN 2691 (for DIN2512)

C DIN 2692 (for DIN2513)

D

E

F

G

H DIN 2697

J DIN 2698

K

L

M

Manufacturers

A

B

C

D

E

F

G

H

J

K

L

M

N

P

Q

S

T

China Std.= **C**

A SH3407-96 管法兰用缠绕式垫片

B SH3401-96 管法兰用石棉橡胶垫片

C SH3402-96 管法兰用聚四氟乙烯包覆垫片

D SH3403-96 管法兰用金属环垫

E HG 20606-97 《钢制管法兰用非金属平垫片（欧洲体系）》

F HG 20607-97 《钢制管法兰用聚四氟乙烯包覆垫片（欧洲体系）》

G HG 20608-97 《钢制管法兰用柔性石墨复合垫片（欧洲体系）》

H HG 20609-97 《钢制管法兰用金属包覆垫片（欧洲体系）》

J HG 20610-97 《钢制管法兰用缠绕式垫片（欧洲体系）》

K HG 20611-97 《钢制管法兰齿形组合垫（欧洲体系）》

L HG 20612-97 《钢制管法兰用金属环垫（欧洲体系）》

M

N

P

R

S

T

Example : 例如:

Gasket DIN 2697 = **DHG**Victaulic Gasket = **VTG**

Gasket Type

垫片类型

		G					
--	--	---	--	--	--	--	--

- A

Full Face
- B

Inside Bolt Circle
- C

Raised Face with Centring Ring

突面带定位环
- D

Large Tongue & Groove
- E

Small Tongue & Groove
- F

Ring Type Joint

环连接
- G

Graylock Sealing Ring & Clamp
- H

Large Male / Female
- J

Small Male / Female
- K
- L
- M

基本型缠绕垫
- N

带内环型缠绕垫
- P

带外环型缠绕垫
- Q

带内外环型缠绕垫
- R

剖切型包覆垫片
- S

折包型包覆垫片
- T

椭圆形金属环垫片
- U

八角形金属环垫片
- V

Victaulic Clamp
- W

齿型垫片
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Gasket Thickness

垫片厚度

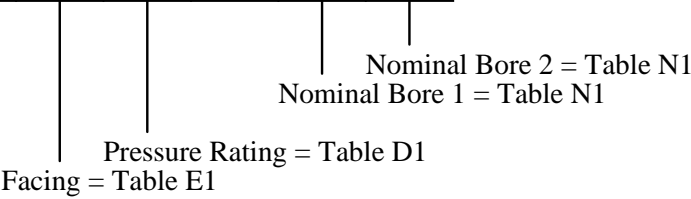
		G						
--	--	---	--	--	--	--	--	--

- A 1 mm
- B 2 mm
- C 3 mm
- D 4 mm
- E 5 mm
- F 6 mm
- G 1.5 mm
- H
- J
- K
- L
- M
- N
- P
- Q
- R
- S
- T 30 mm
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0 Not specified

Character table reference for gaskets

垫片字符参考表

		G						
--	--	---	--	--	--	--	--	--



Closures

堵头

Std.		K						
------	--	----------	--	--	--	--	--	--

American Std.= **A**

A ANSI B16.9
B ANSI B16.11
C ANSI B16.4
D ANSI B16.3
E ANSI B16.18
F ANSI B16.22
G
H
J
K
L
M
N
P
Q
R
S

British Std.= **B**

A BS 1640
B BS 3799
C BS 1965
D BS 1740
E BS 143
F
G
H
J
K
L
M
N
P
Q
R
S

DIN Std.= **D**

A DIN 2617
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S

Manufacturers Std.= **G**

A MSS SP-44
B MSS SP-51
C
D
E
F
G
H
J
K
L
M
N
P
Q
R Graylock
S

China Std.= **C**

A GB12459-90 钢制对焊无缝管件
B HGJ514-87 碳钢、低合金钢无缝对焊管件设计标准
C
D
E SH3408-96 不锈钢、碳素钢、合金钢无缝弯头及管封头系列
F SH3409-96 钢板焊制弯头系列及管封头系列
G SH3410-96 锻钢制承插焊管件
H
J
K
L
M
N
P
Q
R
S
T

Manufacturers Std.= **V**

A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T Victaulic

Example : 例如:

Cap DIN 2617 = **DAK**

Victaulic Cap = **VTK**

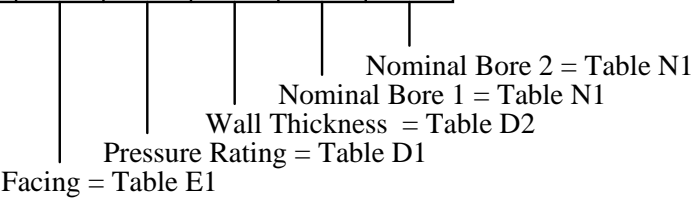
Closures Specific type 堵头特殊类型

		K					
--	--	---	--	--	--	--	--

- A
- B
- C Long Cap 长型管帽
- D Short Cap 短型管帽
- E
- F Flat Closure 平板管帽
- G Graylock Blind Hub
- H
- J
- K
- L Countersunk Plug
- M Square Head Plug 方头丝堵
- N Hexagonal Head Plug 六角头丝堵
- P Round Head Plug 圆头丝堵
- Q Plain Bull Plug
- R Tapped Bull Plug
- S Slotted Head Plug 有槽螺丝头丝堵
- T
- U
- V Victaulic Clamp
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Character table reference for Caps 管帽字符参考表

		K						
--	--	---	--	--	--	--	--	--



Std.		M						
------	--	---	--	--	--	--	--	--

American Std.= A		British Std.= B		China Std.= C		Manufacturer Std.= G	
A	American Std.	A	British Std.		A		A
B		B		B		B	
C		C		C		C	
D		D		D		D	
E		E		E		E	
F		F		F		F	
G		G		G		G	Gestra
H		H		H		H	
J		J		J		J	
K		K		K		K	
L		L		L		L	
M		M		M		M	
N		N		N		N	
P		P		P		P	
Q		Q		Q		Q	
R		R		R		R	
S		S		S		S	

Manufacturer Std.= K		Manufacturer Std.= N		Manufacturer Std.= P		Manufacturer Std.= R	
A		A		A		A	
B		B		B		B	
C		C		C		C	
D		D		D		D	
E		E		E		E	
F		F		F		F	
G		G		G		G	
H		H		H		H	
J		J		J		J	
K	Krupp Köppers	K		K		K	
L		L		L		L	
M		M		M		M	
N		N	Norgren	N		N	
P		P		P		P	
Q		Q		Q		Q	
R		R		R		R	Rhodes
S		S		S	Plenty Simplex	S	
T		T		T		T	

Miscellaneous Items (Sheet 2 of 2) 其它元件(第二页)

Std.		M						
------	--	----------	--	--	--	--	--	--

Manufacturer Std.= S Manufacturer Std.= T Manufacturer Std.= V Manufacturer Std.= Y

A	A	A	A
B	B	B Veebee	B
C	C	C	C
D	D Teddington	D	D
E	E	E	E
F	F	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N
P	P	P	P
Q	Q	Q	Q
R	R	R	R
S Spirax Sarco	S	S	S
T Amstrong	T	T	T
U	U	U	U
V	V	V	V
W	W	W	W Yarway

Miscellaneous Item types 其它元件类型

		M						
--	--	---	--	--	--	--	--	--

A	Flame Arrester	阻火器
B	Single Bellows Unit	
C	Bursting Disc Assembly	
D	Air Dryer	空气干燥器
E	Double Bellows	
F	Flow Indicator	流量计
G	Filter	
H	Sight Glass	视镜
J	Spacer for tongue and groove flanges	
K	Ball Float Trap	浮球式汽水阀
L	Line blind	
M		
N		
P	Pot Type Strainer	
Q	Orifice Plate	孔板
R		
S	Spectacle Blind	8字盲板
T		
U		
V		
W	Weld	焊点
X	Basket Type Strainer	篮式过滤器
Y	Y Type Strainer	Y型过滤器
Z	T Type Strainer	T型过滤器
1		
2		
3		
4		
5		
6		
7		
8		
9		
0		

Character table reference for Miscellaneous items 其它元件字符参考表

		M						
--	--	---	--	--	--	--	--	--

Nominal Bore 2 = Table N1
Nominal Bore 1 = Table N1
Wall Thickness = Table D2
Pressure Rating = Table D1
Facing = Table E1

Nipple: Standard

短管: 标准

Std.		N						
------	--	----------	--	--	--	--	--	--

American Std.= A	British Std.= B	China Std.= C	Manufacturer Std.= V
A ASTM A120	A BS 534	A	A
B ASTM A53	B BS 806	B	B
C ANSI B36.10	C BS 1306	C	C
D	D BS 1387	D	D
E	E BS 1600	E	E
F	F	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L
M	M	M	M
N	N	N	N
P	P	P	P
Q	Q BS 3799	Q HGS04-04-01-1	Q
R	R BS 1740	R HGS04-04-02-1	R
S	S BS 143	S	S
T	T	T	T
U	U	U	U
V	V	V	V Victaulic
W	W	W	W
X	X	X	X
Y	Y	Y	Y
Z	Z	Z	Z
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
0 Not specified	0 Not specified	0 Not specified	0 Not Specified

Example : 例如:

Nipple ASTM A120 = **AAN**

Victaulic nipple= **VTN**

Nipple: Type

短管： 类型

		N					
--	--	---	--	--	--	--	--

- A
- B Barrel Nipple
- C
- D
- E Eccentric Swage
- F
- G
- H Hexagonal
- J
- K Close Taper
- L
- M
- N
- P Pipe Nipple 短节
- Q
- R
- S Concentric Swage
- T Tank Nipple
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Nipple End Connection

短管： 端面联接类型

		N						
--	--	---	--	--	--	--	--	--

- A Plain x Bevel
- B Plain x Plain
- C Plain x Threaded NPT
- D Plain x Threaded BSP
- E Threaded Both Ends NPT
- F Threaded Both Ends BSP
- G Bevel x Threaded NPT
- H Bevel x Threaded BSP
- J Threaded NPT x Bevel
- K Threaded BSP x Bevel
- L Threaded NPT x Plain
- M Threaded BSP x Plain
- N Bevel x Plain
- P Bevel x Bevel
- Q
- R Radial Lock Both Ends
- S Soldered, Brazed
- T Radial Lock x Flanged
- U
- V Bevel x Victaulic Groove
- W Threaded x Victaulic Groove
- X Victaulic Groove To Groove
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Nipple: Length

短管：长度

		N						
--	--	---	--	--	--	--	--	--

- A 50 mm
- B 65 mm
- C 75 mm
- D 100 mm
- E 125 mm
- F 150 mm
- G 175 mm
- H 200 mm
- J 2"
- K 250 mm
- L 3"
- M 400 mm
- N 4"
- P 5"
- Q
- R 6"
- S As Per Standard
- T
- U 9"
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0Not Specified

Character table reference for Nipples 短接管字符参考表

		N						
--	--	---	--	--	--	--	--	--

Facing = Table E1
Pressure Rating = Table D1
Wall Thickness = Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Pipe Standard

管子：标准

Std.		P						
------	--	----------	--	--	--	--	--	--

American Std.= **A**

A ANSI B36.10

B ASTM A-106

C API 5L

D ASTM A-53

E ANSI B36.3

F ANSI B36.19

G ASTM B42/B43

H

J

K

L

M

N

P

Q

R

S

T

U

V

W

X

Y

Z

1

2

3

4

5

6

7

8

9

0 Not Specified

DIN Std.= **D**

A DIN 2448

B DIN 2458

C DIN 2462

D DIN 2463

E DIN 2916

F DIN 4376

G

H

J

K

L

M

N

P

Q

R

S

T

U

V

W

X

Y

Z

1

2

3

4

5

6

7

8

9

0 Not Specified

China Std.= **C**

A GB3087-82 低中压锅炉用无缝钢管

B GB/T3092-93 低压流体输送用焊接钢管

C GB5310-1995 高压锅炉用无缝钢管

D GB8163-87 输送流体用无缝钢管

E GB12771-91 流体输送用不锈钢焊接钢管

F GB/T14976-94 流体输送用不锈钢无缝钢管

G

H

J

K

L SH3405-96 石油化工企业钢管尺寸系列

M

N

P

Q

R

S

T

U

V

W

X

Y

Z

1

2

3

4

5

6

7

8

9

0 Not Specified

Example：例如：

Pipe DIN 2462 = **DCP**

Pipe Type管子类型

		P					
--	--	---	--	--	--	--	--

- A

Seamless Steel Pipe

无缝钢管
- B
- C

Centrifugally Cast

离心浇铸
- D
- E

Electric Fusion Welded

焊缝管
- F
- G

Glass Pipe

玻璃管
- H
- J
- K
- L

Lined Flanged Pipe

内衬法兰管
- M
- N
- P
- Q
- R

Resistance Welded

电阻焊管
- S
- T

铜管
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0

Not Specified

Pipe Outer Diameter

管子外径

		P					N. B	O. D
--	--	---	--	--	--	--	------	------

N.B.= A

A
B
C
D
E
F
G

N.B= B

A
B
C
D
E
F
G

N.B=C

A 14
B 15
C 16
D 17
E
F
G

N.B= D

A 18
B 19
C 20
D 21
E 22
F 23
G 24

N.B.= E

A 25
B 27
C 28
D 29
E

N.B= F

A 30
B 32
C 34
D 35
E

N.B=G

A 36
B 38
C 40
D 42
E

N.B= H

A 44.5
B 45
C 48
D 50
E 51

N.B.= J

A 53
B 54
C 56
D 57
E 60
F 63
G 63.5
H 65
J 68

N.B= K

A 70
B 73
C 75
D 76
E 80
F 83
G 85
H
J

N.B=L

A 89
B 90
C
D
E
F
G
H
J

N.B= M

A 95
B 100
C 102
D
E
F
G
H
J

N.B.= N

A 108
B 110
C 114
D 120
E 121
F 125
G 127
H
J

N.B= P

A 130
B 133
C 140
D 146
E 150
F 152
G
H
J

N.B=R

A 159
B 160
C 168
D 170
E 180
F 190
G 194
H 200
J 203

N.B= T

A 219
B 245
C
D
E
F
G
H
J

N.B.= V

A 273
B 299
C

N.B= W

A 325
B 351
C

N.B=X

A 377
B 402
C

N.B= Y

A 426
B 450
C

N.B.= Z

A 480

B 500

C

N.B= 1

A 529

B 530

C 560

N.B=2

A 600

B

C

N.B= 3

A 630

B

C

N.B.= 4

A

B

C

N.B= 5

A 720

B

C

N.B=6

A

B

C

N.B= 7

A 820

B

C

N.B.= 8

A

B

C

N.B= 9

A 920

B

C

N.B= a

A 1020

B

C

N.B= b

A 1120

B

C

N.B.= c

A 1220

B

C

N.B= d

A 1320

B

C

N.B= e

A 1420

B

C

N.B= f

A 1520

B

C

N.B.= g

A 1620

B

C

N.B= h

A 1720

B

C

N.B= j

A 1820

B

C

N.B= k

A 1920

B

C

N.B.= l

A 2020

B

C

N.B= m

A 2220

B

C

N.B= n

A 2420

B

C

N.B= p

A 2620

B

C

N.B.= r

A 2820

B

C

N.B= t

A 3020

B

C

N.B= v

A 3220

B

C

N.B= w

A 3420

B

C

Character table reference for Pipe

管子字符参考表

		P						
--	--	---	--	--	--	--	--	--

Outer Diameter

Nominal Bore 1 = Table N1

Wall Thickness = Table D2

Pressure Rating = Table D1

Facing = Table E1

Reducer Standard

大小头

Std.		R						
------	--	----------	--	--	--	--	--	--

American Std.= A

A ANSI B16.9
 B ANSI B16.11
 C ANSI B16.14
 D ANSI B16.5
 E
 F ANSI B16.18
 G ANSI B16.22
 H
 J ANSI B16.24
 K
 L
 M
 N
 P
 Q
 R
 S
 T
 U
 V
 W
 X
 Y
 Z
 1
 2
 3
 4
 5
 6
 7
 8
 9
 0 Not Specified

British Std.= B

A BS 1640
 B BS 3799
 C BS 1740
 D BS 1965
 E BS 143
 F
 G
 H
 J
 K
 L
 M
 N
 P
 Q
 R
 S
 T
 U
 V
 W
 X
 Y
 Z
 1
 2
 3
 4
 5
 6
 7
 8
 9
 0 Not Specified

China Std.=C

A GB12459-90 钢制对焊无缝管件（A系列）
 B GB12459-90 钢制对焊无缝管件（B系列）
 C
 D
 E SH3408-96 不锈钢、碳素钢、合金钢无缝弯头及管封头系列
 F SH3409-96 钢板焊制弯头系列及管封头系列
 G SH3410-96 锻钢制承插焊管件
 H
 J
 K
 L
 M
 N
 P
 Q
 R
 S
 T
 U
 V
 W
 X
 Y
 Z
 1
 2
 3
 4
 5
 6
 7
 8
 9
 0 Not Specified

Example : 例如:

Reducer ANSI B16.11 = **ABR**

Reducer Type

大小头类型

		R						
--	--	---	--	--	--	--	--	--

- A
- B
- CConcentric同心
- D
- E Eccentric偏心
- F
- G
- H Hexagonal Bush六角衬套
- J
- K
- L
- M
- N Hexagonal Nipple六角短管
- P
- Q
- R Reducing Insert
- S
- T
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0Not Specified

Character table reference for Reducers

大小头字符参考表

		R						
--	--	---	--	--	--	--	--	--

Nominal Bore 2 = Table N1

Nominal Bore 1 = Table N1

Wall Thickness = Table D2

Pressure Rating = Table D1

Facing = Table E1

Stub-End: Standard

轴端：标准

Std.		S					
------	--	----------	--	--	--	--	--

American Std.= **A**

British Std.= **B**

China Std=C

A ANSI B16.9

A BS 1640 PT1

A

B

B BS 1640 PT2

B

C

C

C

D

D

D

E

E

E

F

F

F

G

G

G

H

H

H

J

J

J

K

K

K

L

L

L

M

M

M

N

N

N

P

P

P

Q

Q

Q

R

R

R

S

S

S

T

T

T

U

U

U

V

V

V

W

W

W

X

X

X

Y

Y

Y

Z

Z

Z

1

1

1

2

2

2

3

3

3

4

4

4

5

5

5

6

6

6

7

7

7

8

8

8

9

9

9

0 Not Specified

0 Not Specified

0 Not Specified

Example : 例如：

Stub-End ANSI B16.9 = **AAS**

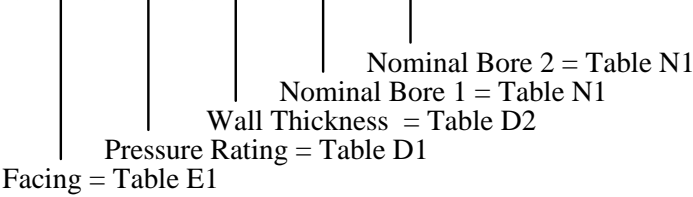
Stub-End Type 轴端类型

		S						
--	--	---	--	--	--	--	--	--

- A
- B
- C
- D
- E As Per Standard
- F
- G Graylock Weld Hub
- H
- J
- K
- L
- M
- N
- P
- Q
- R
- S
- T
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0Not Specified

Character table reference for Stub Ends 轴端字符参考表

		S						
--	--	---	--	--	--	--	--	--



TEE Standard

三通：标准

Std.		T						
------	--	----------	--	--	--	--	--	--

American Std.= **A**

A ANSI B16.9.
 B ANSI B16.11
 C ANSI B16.3
 D ANSI B16.4
 E ANSI B16.5
 F ANSI B16..18
 G ANSI B16..22
 H
 J ANSI B16.24
 K
 L
 M
 N
 P
 Q
 R
 S

British Std.= **B**

A BS 1640
 B BS 3799
 C BS 1740
 D BS 1965
 E BS 143
 F
 G
 H
 J
 K
 L
 M
 N
 P
 Q
 R
 S

DIN Std.= **D**

A DIN 2615
 B
 C
 D
 E
 F
 G
 H
 J
 K
 L
 M
 N
 P
 Q
 R
 S

Manufacturer Std.= **N China Std.=C**

A Bonney Forge	A GB12459-90 钢制对焊无缝管件（A系列）	
B	B GB12459-90 钢制对焊无缝管件（B系列）	
C	C	
D	D	
E	E SH3408-96 不锈钢、碳素钢、合金钢无缝弯头及管封头系列	
F	F SH3409-96 钢板焊制弯头系列及管封头系列	
G	G SH3410-96 锻钢制承插焊管件	
H	H	
I	I	
J	J	J
K	K	K
L	L	L
M	M	M
N	N	N
P	P	P
Q	Q	Q
R	R	R
S	S	S
T	T	T

Example: 例如:

TEE DIN 2615= DAT

三通：类型

A	90 Deg. Fitting	
B	45 Deg. fitting	
C	Cross	十字
D	Y- Piece	Y形
E	Elbolet	
F	TEE By Full Coupling	
G	Street TEE	
H	TEE By Half Coupling	
J	Sweep TEE	
K	Double Sweep TEE	
L	Latrolet	
M	Side Outlet TEE	
N	Nipolet	
P	Side Outlet Elbow	
Q	Tee	等径三通
R	Reduce Tee	异径三通
S	Set On Branch (90Deg)	
T	Reinforced Set On Branch	
U	Set On Branch With Saddle	
V	Set On Branch, Var Angle	
W	Weldolet	
X	Sockolet	
Y	Thredolet	
Z	Sweeplet	
1	Instrument TEE	
2		
3		
4		
5		
6		
7		
8		
9		
0	Not specified	

Nominal Bore 2 = Table N1
Nominal Bore 1 = Table N1
Wall Thickness (generally 0) = Table D2
Pressure Rating = Table D1
Facing = Table E1

Std.		V						
------	--	---	--	--	--	--	--	--

American Std.= A

A ANSI B16.10.

B

C

D

E

F

G

H

J

K

L

M

N

P

Q

R

DIN Std..= D

A DIN 3202.

B

C

D

E Delta

F

G

H

J

K

L

M

N

P

Q

R

China Std=C

A GB12232-89 通用阀门连接铁制闸阀

B GB12233-89 通用阀门铁制截止阀与升降式止回阀

C GB12234-89 通用阀门法兰和对焊连接钢制闸阀

D GB12235-89 通用阀门法兰连接钢制截止阀和升降式止回阀

E GB12236-89 通用阀门钢制旋启式止回阀

F GB12237-89 通用阀门法兰和对焊连接钢制球阀

G GB12238-89 通用阀门法兰和对夹连接蝶阀

H GB12239-89 通用阀门隔膜阀

J GB12240-89 通用阀门铁制旋塞阀

K GB12243-89 弹簧直接载荷式安全阀

L GB7512-87 液化石油气瓶阀

M GB10877-89 氧气瓶阀

N GB/T13932-92 通用阀门铁制旋启式止回阀

P GB/T15185-94 铁制和铜制球阀

Q JB/T5298-91 管线用钢制平板闸阀

R JB/T5299-91 通用阀门液控碟式止回阀

S JB/T6441-92 压缩机用安全阀

T JB/T6900-93 排污阀

U JB/T6901-93 封闭式眼镜阀

V

W

X

Y

Z

0 未指定

Std.		V						
------	--	----------	--	--	--	--	--	--

Manufacturer Std.= **L**
Std.= **P**

A
B
C
D Ladish
E
F
G
H
J
K
L
M
N
P
Q
R

Manufacturer Std.= **M**

A MSS-SP-72
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R Marlin
V Macavoy

Manufacturer Std.= **N** Manufacturer

A
B
C Pacific
D
E
F
G Naegelen
H
J
K
L Powell
M Newman
N
P
Q
R
V Northvale

Manufacturer Std.= **S**

A Saunders
B
C Schuf
D
E Serck Audco
F
G Sapag
H
J
K
L
M
N
P Sperry Vickers
Q
R
S
T
V Severn

Manufacturer Std.= **T**

A
B
C
D
E
F Tuflin
G
H
J
K T.K. Valves
L
M TRW-Mission
N
P
Q
R Triangle
S
T
V Thevignon

Manufacturer Std.= **V** Manufacturer Std.= **W**

A Worchester Series 44/45
B
C Worchester
D
E
F
G
H Wheatley
J
K
L
M
N Winn
P
Q
R
S
T

Valve Types

阀门类型

		V					
--	--	---	--	--	--	--	--

A	Angle Globe	角阀
B	Ball	球阀
C	Ball Type Check	球形止回阀
D	Diaphragm	隔膜阀
E	Piston Check	活塞止回阀
F	Butterfly	蝶阀
G	Gate	闸阀
H	Globe	截止阀
J	Swing Check	回转止回阀
K	Tilting Disc	
L	Full Bore Diaphragm	
M	Flap Check	
N	Needle	针阀
P	Plug	塞型阀
Q	Poppet	提升阀
R	Relief	安全阀
S	Short Ball	
T	Tank Dump Valve	
U	Angle Stop Check	
V	Straight Stop Check	
W	Wafer Check	
X		升降式止回阀
Y	Y Type Globe	Y形截止阀
Z		调节阀
1		
2		
3	Three Way	三通阀
4		低温截止阀
5		低温安全阀
6		低温止回阀
7		
8		
9		
0	Not Specified	

Valve Actuators

阀门执行机构

		V						
--	--	---	--	--	--	--	--	--

A	Manual 90 Deg Turn	手动90度回转
B	Diaphragm Fail Open	隔膜开启
C	Diaphragm Fail Close	隔膜关闭
D	Pneumatic Piston	气动活塞
E	Electric Motor Actuator	电动马达
F		
G	Gear Driven Handwheel	齿轮驱动手轮
H	Hydraulic	液压
J		
K	Pressure Seal	压力密封
L		
M		
N	Non Rising Stem Handwheel	暗杆手轮
P	Piston Fail Open	活塞开启
Q	Piston Fail Closed	活塞关闭
R	Rising Stem Handwheel	明杆手轮
S	Soenoid	
T		气动套筒
U		气动薄膜
V		
W		
X		
Y		
Z		
1		
2		
3		
4		
5		
6		
7		
8		
9		
0	Not Specified	

1 Orifice plate hole sizes 孔板孔径

		V	R					
--	--	----------	----------	--	--	--	--	--

A	
B	
C	
D	0.110 SQ INS
E	0.196 SQ INS
F	0.307 SQ INS
G	0.503 SQ INS
H	0.785 SQ INS
J	1.287 SQ INS
K	1.838 SQ INS
L	2.853 SQ INS
M	3.600 SQ INS
N	4.340 SQ INS
P	6.379 SQ INS
Q	11.050 SQ INS
R	16.000 SQ INS
S	
T	26.000 SQ INS
U	
V	
W	
X	
Y	
Z	
1	
2	
3	
4	
5	
6	
7	
8	
9	
0	Not Specified

Saunders Valves

S	A	V	D					
----------	----------	----------	----------	--	--	--	--	--

- A Manual Lever 90 Deg Turn
- B Saunair ES60
- C Saunair ES61
- D Saunair ES62
- E Saunair ES63
- F Saunair ES64
- G Saunair ES65
- H Saunair ES66
- J Saunair ES67
- K Saunair ES68
- L Saunair ES69
- M Saunair ES70
- N Saunair ES71
- P Saunair ES72
- Q Saunair ES73
- R Lever, Vertical Arc
- S Non Rising Stem Handwheel
- T Diaphragm Operated Spring Open
- U Diaphragm Operated Spring Close
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

0 Not Specified

Worcester Valves

W	A	V						
---	---	---	--	--	--	--	--	--

- A Wrench or Tee Bar
- B Norbro 10-40
- C Norbro 20-40
- D Norbro 25-40
- E Norbro 30-40
- F
- G
- H
- J
- K
- L
- M
- N
- P
- Q
- R
- S
- T
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0 Not Specified

Character table reference for Valves 阀门字符参考表

		V				0		
--	--	---	--	--	--	---	--	--

Facing = Table E1
Pressure Rating = Table D1
Wall Thickness (generally 0) = Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Welds 焊点

0	0	Z						
---	---	---	--	--	--	--	--	--

- A
- B Branch
- C
- D
- E
- F Fillet (SW)
- G
- H
- J
- K
- L
- M
- N
- P
- Q
- R
- S SQ Flange Fillet
- T TEE
- U
- V
- W
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0 Not Specified

Character table reference for Welds 焊接字符参考表

		Z				0		
--	--	---	--	--	--	---	--	--

Facing = Table E1
Pressure Rating = Table D1
Wall Thickness (generally 0) = Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Attas

附件

0	0	X					
---	---	---	--	--	--	--	--

A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
R
S
T
U
V
W
X
Y
Z
1
2
3
4
5
6
7
8
9
0Not Specified

Pipe Support Atta

Character table reference for Attas 附件字符参考表

		X				0		
--	--	---	--	--	--	---	--	--

Facing = Tabelle E1
Pressure Rating = Table D1
Wall Thickness (generally 0) Table D2
Nominal Bore 1 = Table N1
Nominal Bore 2 = Table N1

Nozzle Standard

管嘴标准

Std.		Z						
------	--	----------	--	--	--	--	--	--

American Std.= A	British Std.= B	DIN Std. = D	China Std= C
A ANSI B16.5	A	A	A SH3406-96
B ANSI B2.1	B BS 1560	B DIN 2632	B
C ANSI B36.10	C BS 4504	C DIN 2633	C
D	D BS 3799	D	D
E	E BS 10	E DIN 2635	E
F	F	F	F
G	G	G	G
H	H	H	H
J	J	J	J
K	K	K	K
L	L	L	L HG 20593-97
M	M	M	M HG 20594-97
N	N	N	N HG 20595-97
P	P	P	P
Q	Q	Q	Q
R	R	R	R
S	S	S	S
T	T	T	T
U	U	U	U
V	V	V	V
W	W	W	W
X	X	X	X
Y	Y	Y	Y
Z	Z	Z	Z
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
0 Not Specified	0 Not Specified	0 Not Specified	0 Not Specified

Example : 例如:

Nozzle Flanged to DIN 2633 = **DCZ**

Nozzle Type

管嘴类型

		Z					
--	--	---	--	--	--	--	--

- A
- B Boss
- C Integral
- D
- E
- F Flanged 法兰
- G Graylock
- H Half Coupling 单承口管箍
- J
- K
- L
- M Man Hole 人孔
- N
- P
- Q
- R
- S
- T Threaded 螺纹
- U
- V
- W Welded 焊接
- X
- Y
- Z
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 0 Not Specified

Character table reference for Nozzles

管嘴字符参考表

		Z				0		
--	--	---	--	--	--	---	--	--

Nominal Bore 2 = Table N1

Nominal Bore 1 = Table N1

Wall Thickness (generally 0) Table D2

Pressure Rating = Table D1

Facing = Tabelle E1

Flange Facings Table E1

法兰面联接表 E1

--	--	--	--	--	--	--	--	--

- A Flat Face 全平面
- B Raised Face 凸台面,光滑面
- C Large Tongue 榫面
- D Large Groove 槽面
- E Small Tongue
- F Small Groove
- G
- H Large Male Smooth
- J Large Male Serrated
- K Large Female
- L Radial Lock
- M Small Female 凹面
- N Small Male 凸面
- P Projection V13 (DIN)
- Q Recess R13 (DIN)
- R Ring Type Joint 环连接面
- S Soldered, Brazed
- T
- U
- V Victaulic
- W
- X
- Y
- Z Compression
- 1 Plain
- 2 Buttweld (Bevel) 对焊
- 3 Socket Weld 承插焊
- 4 Threaded Male & Female
- 5 Threaded NPT Female
- 6 Threaded NPT Male
- 7 Threaded BSP Female
- 8 Threaded BSP Male
- 9
- 0 Not Specified

End connections for non flanged connections Table E2 非法兰端面联接表 E2

--	--	--	--	--	--	--	--

- A
- B
- C
- D
- E
- F
- G
- H
- J
- K
- L Radial Lock
- M
- N
- P
- Q
- R
- S Soldered, Brazed
- T
- U
- V Victaulic
- W BSP Para Male X SW
- X BSP Taper Male X SW
- Y
- Z
- 1Plain
- 2Buttweld (Bevel) 对焊
- 3Socket Weld
- 4Threaded Male & Female
- 5Threaded NPT Female 内螺纹
- 6Threaded NPT Male
- 7Threaded BSP Female
- 8Threaded BSP Male
- 9
- 0

End connections for flange faces Table E3 法兰端面联接表 E3

--	--	--	--	--	--	--	--	--

- A Flat Face
- B Raised Face
- C
- D Dow Radial Lock
- E
- F
- G Graylock
- H
- J
- K
- L Integral gasket
- M
- N
- P
- Q
- R Ring Type Joint
- S Soldered, Brazed
- T
- U
- V
- W
- X
- Y Plain / Threaded
- Z Plain/SW
- 1
- 2 Buttweld (Bevel)
- 3 Socket Weld
- 4 Threaded Male & Female
- 5 Threaded NPT Female
- 6 Threaded NPT Male
- 7 Threaded BSP Female
- 8 Threaded BSP Male
- 9 Socket Weld / Threaded
- 0

压力等级表 D1

--	--	--	--	--	--	--	--

American Std.= A		China Std=C	
A	PN 125#	(SH)	
B	PN 150#	B	PN2.0
C	PN 250#		
D	PN 300#	D	PN5.0
E	PN 400#	E	PN6.8
F	PN 600#	F	PN10
G	PN 900#	G	PN15
H	PN 1500#	H	PN25
J	PN 2500#	J	PN42
K	PN 5000#	(HG欧洲体系)	
L	PN 0.25	L	PN 0.25
M	PN 0.6	M	PN 0.6
N	PN 1.0	N	PN 1.0
P	PN 1.6	P	PN 1.6
Q	PN 2.5	Q	PN 2.5
R	PN 4.0	R	PN 4.0
S	PN 6.3	S	PN 6.3
T	PN 10.0	T	PN 10.0
U	PN 16.0	U	PN 16.0
V	PN 25.0	V	PN 25.0
W	PN 32.0	W	PN 32.0
X	PN 40.0	X	PN 40.0
Y	PN 75#		
Z	PN 10000#		
a	PN2.0		
b	PN5.0		
c	PN6.8		
d	PN15.0		
e	PN42.0		
f			
1			
2	PN 2000#		
3	PN 3000#		
4			
5			
6	PN 6000#		
7			
8			
9	PN 9000#		
0	Not Specified		

Wall Thickness (Schedules) Table D2 壁厚表 D2

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A	SCH 5S
B	SCH 10S
C	SCH 10
D	SCH 20
E	SCH 30
F	SCH 40S
G	SCH 40
H	SCH 60
J	SCH 80S
K	SCH 80
L	SCH 100
M	SCH 120
N	SCH 140
P	SCH 160
Q	STD
R	XS
S	XXS
T	Light
U	Medium
V	Heavy
W	
X	
Y	
Z	
1	
2	Class 2000#
3	Class 3000#
4	
5	
6	Class 6000#
7	
8	
9	
0	Not Specified

Nominal Sizes Table N1

公称直径表 N1 (第一页)

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Metric Bores

Imperial Bores

A	6	1/8"
B	8	1/4"
C	10	3/8"
D	15	1/2"
E	20	3/4"
F	25	1"
G	32	1-1/4"
H	40	1-1/2"
J	50	2"
K	65	2-1/2"
U	75	2-7/8"
L	80	3"
M	90	3-1/2"
N	100	4"
P	125	5"
R	150	6"
T	200	8"
V	250	10"
W	300	12"
X	350	14"
Y	400	16"
Z	450	18"
1 500		20"
2 550		22"
3 600		24"
4 650		26"
5 700		28"
6 750		30"
7 800		32"
8 850		34"
9 900		36"
a	950	38"
b	1000	40"
c	1100	44"
d	1200	48"
e	1300	52"
f	1400	56"
g 1500		60"
h 1600		64"
i	1700	68"

Nominal Sizes Table N1

公称直径表 N1 (第二页)

j	1800	72"
k	1900	76"
l	2000	80"
0	Not Specified	

注：此表需区分大小写。