

CÔNG TY TNHH THÉP BẢO TÍN

136 Nguyễn Văn Thủ, P. Đa Kao, Quận 1, TP.HCM

Chi nhánh: 100 đường TA32, P. Thới An, Quận 12

Tel: 08. 6259 3032 - 6259 3033 Fax: 08. 6259 3038

Email: thepbaotin@gmail.com - Skype: thepbaotin

www.thepbaotin.com.vn - www.ongthephoaphat.com



济南玫德铸造有限公司

JINAN MEIDE CASTING CO., LTD.

济南玛钢股份有限公司

JINAN MALLEABLE IRON INCORPORATED COMPANY



济南玫德概况

JINAN MEIDE BRIEF INTRODUCTION

我公司生产玛钢管件已有40多年的历史，年生产能力20万余吨。是目前中国、亚洲乃至世界最大的管路连接件专业生产厂家之一。


我公司主要生产迈克牌美标、德标、英标三大系列的玛钢管件。品种齐全，规格从1/8"到6"。广泛应用于各种煤气、蒸汽、水、油等管路的连接。我公司还引进台湾、南韩自动化生产设备，采用南韩优质钢管，生产玛钢管件配套的美标、英标、德标钢管接头接管。从1/8"到6"各种规格和长度均可生产，年产2万余吨。近年来，我公司又成功开发了球铁沟槽管件，生产能力已达4万吨。

为满足客户需求，我公司还备有铜管件、球铁管件、灰铸铁管件、Beam夹子、管道夹子、管道支架、框架连接件、手轮、接线盒和各种材料的阀体(玛钢、球铁、灰铁和青铜)等新产品。也可根据客户要求，开发各种玛钢、球铁、灰铸铁等铸造产品。

我公司严格按照ISO9001标准组织生产，已先后获得中国、美国、英国等多个国家的ISO9001质量体系认证证书。并获有美国UL/FM/NSF、加拿大CSA/CUL、德国DVGW/TUV、韩国KS、土耳其TSE、新加坡PSB、日本JIS、英国BSI、以色列SII等产品质量认证证书。通过环境治理取得ISO14001环境体系认证，我公司的“迈克”商标已在世界80多个国家注册，并被中国工商总局评为“中国驰名商标”。

“迈克”牌产品畅销五大洲，深得用户一致好评。


With a history of more than 40 years, and 200,000 Metric Tons annual output, we are one of the largest manufacturers of Malleable Iron Pipe Fitting in China, Asia and even in the world.

We produce Malleable Iron Pipe Fittings with "  " brand, which can be divided into three standards; American standard, Din standard and British standard. The sizes are from 1/8" to 6", widely used in various pipelines to convey gas, water, oil and so on. And we produce high quality American standard, British standard, Din standard Steel Pipe Nipples with automatic equipments from Taiwan and South Korea, by using high quality pipe from South Korea. The Diameter is from 1/8" to 6", length is in accordance with the order and requirement, the annual output is over 20,000 Metric Tons. Recently we succeeded in developing the Ductile Iron Grooved Couplings & Fittings with the output around 40,000 Metric Tons a Year.

In order to meet the requirement of customer, we have developed some new products: Cast bronze Fittings, Ductile Iron Threaded Pipe Fittings, Beam Clamps, Pipe Clamps, Pipe Hangers, Pipe Supporters and Rollers, Guardrail Clamps, Cast Iron Threaded Pipe Fittings, Handle Wheels and Electric Conduit Bodies, Valve Bodies (Malleable, Ductile and Cast Iron), etc. And we can produce other Malleable, Ductile and Cast Iron products according to customers requirements.

We have established the quality management system conforming to ISO 9001, and have got the certificates, certified by BVQI (France), recognized by China and America and Britain. In order to enhance our accountability for environment, the environmental management system to ISO 14001 has been assessed and registered by BVQI (France).

Part of our products have been tested, listed, approved by some predominant labs and bodies, such as UL (USA), FM (USA), NSF (USA), CUL (Canada), CSA (Canada), KS (Korea), DVGW (Germany), TUV (Germany), TSE (Turkey) and PSB (Singapore), JIS (Japan), BSI (England), SII (Israel).

The "China Well-Known Trade Mark" "  " has been registered over 80 countries, and distributed to these countries accordingly.



公司简介 BRIEF INTRODUCTION

产品认证 CERTIFICATE

玛钢管件螺纹基本尺寸

BASIC DIMENSIONS FOR MALLEABLE IRON THREADED FITTINGS

美标玛钢管件 MALLEABLE IRON PIPE FITTING WITH AMERICAN STANDARD

英标玛钢管件 MALLEABLE IRON PIPE FITTING WITH BRITISH STANDARD

德标玛钢管件 MALLEABLE IRON PIPE FITTING WITH DIN STANDARD

球铁管件 DUCTILE IRON PIPE FITTING

灰铸铁管件 CAST IRON PIPE FITTING

铜管件 BRONZE FITTING

框架连接件 PIPECLAMP FITTING

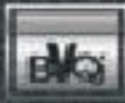
铜管接头 钢管接头 钢管接管

BRASS PIPE NIPPLE/STEEL PIPE INPPLE/STEEL MERCHANT COUPLING

玛钢煤气连接件 MALLEABLE IRON GAS FITTING

玛钢接线盒 MALLEABLE IRON CONDUIT BODY

球铁沟槽管件 DUCTILE IRON GROOVED FITTING



Dimension, External and internal Straight Pipe Thread for Locknut Connections, NPSL (Loose Fittings Mechanical Joints)

缩紧螺母连接用内、外直管螺纹，NPSL（自由配合的机械连接）

Dimensions in inches 尺寸：英寸

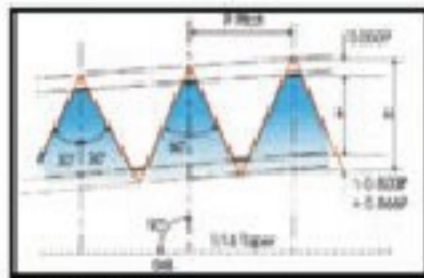
Nominal Pipe Size 公称管子尺寸	O.D. of Pipe D 管子外径	Threads Inch N 每英寸牙数	External Thread 外螺纹			Internal Threads 内螺纹		
			Maximum Major Diameter 最大大径	Pitch Diameter 中径		Minimum Minor Diameter 最小小径	Pitch Diameter 中径	
				Maximum 最大值	Minimum 最小值		Maximum 最大值	Minimum 最小值
1	2	3	4	5	6	7	8	9
1/8	0.405	27	0.409	0.384	0.3805	0.362	0.3863	0.3989
1/4	0.540	18	0.541	0.5038	0.4986	0.47	0.5073	0.5125
3/8	0.675	18	0.678	0.6409	0.9357	0.607	0.9444	0.6496
1/2	0.840	14	0.844	0.7963	0.7896	0.753	0.8008	0.8075
3/4	1.050	14	1.054	1.0067	1.0000	0.964	1.0112	1.0179
1	1.315	11.5	1.318	1.2604	1.2523	1.208	1.2658	1.2739
1 1/4	1.660	11.5	1.63	1.6051	1.5970	1.553	1.6106	1.6187
1 1/2	1.900	11.5	1.902	1.8441	1.8360	1.792	1.8495	1.8576
2	2.375	11.5	2.376	2.318	2.3099	2.265	2.3234	2.3315
2 1/2	2.875	8	2.877	2.7934	2.7817	2.718	2.8012	2.8129
3	3.500	8	3.503	3.4198	3.4081	3.344	3.4276	3.4393
3 1/2	4.000	8	4.003	3.9201	3.9084	3.845	3.9279	3.9396
4	4.500	8	4.502	4.4184	4.4067	4.343	4.4262	4.4379
5	5.563	8	5.564	5.4805	5.4688	5.405	5.4884	5.5001
6	6.625	8	6.62	6.5372	6.5255	6.462	6.545	6.5567

Note: This information is selected from the American Pipe Threads, ANSI/ASME B1.20.1-1983 Table 7: Dimension, External and Internal Straight Pipe Thread for Locknut Connections, NPSL Loose Fittings Mechanical Joints.

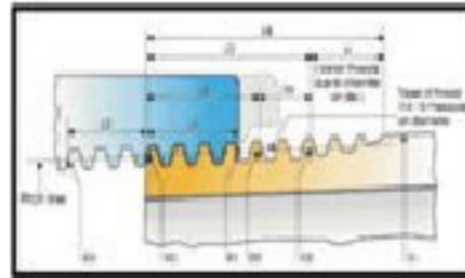
备注：以上信息选自美国管螺纹标准：ANSI/ASME B1.20.1-1983，表7：缩紧螺母连接用内、外直管螺纹，NPSL（自由配合的机械连接）

Basic dimensions for American Standard Malleable Iron Threaded Fittings

美国玛钢管件螺纹基本尺寸



Taper thread
H=0.866025 p=0.866025h
h=0.509 p=0.509h



Taper thread
L2=0.80+0.50 h2=0.500+0.50p

Basic Dimensions of American National Standard Taper Pipe Thread, NPT

美国国家标准锥管螺纹基本尺寸

NPS 公称管子尺寸	O.D. of Pipe (D) 管子外径	Threads/in. (N) 每英寸牙数	Pitch of Thread (P) 螺距	Pitch Dia. at Beginning of External (E ₁) 外螺纹起始端的中径	Handtight Engagement 手旋合		Effective Thread, External 有效螺纹, 外螺纹			Height of thread h 螺纹高度	
					Length (L ₁) 长度		Length (L ₂) 长度		Dia. (E ₂) 直径		
					Inch 英寸	Thread 牙数	Inch 英寸	Thread 牙数			
1	2	3	4	5	6	7	8	9	10	11	12
1/8	0.405	27	0.037	0.363	0.161	4.36	0.373	0.263	7.12	0.38	0.029
1/4	0.540	18	0.055	0.477	0.227	4.1	0.491	0.401	7.23	0.502	0.044
3/8	0.675	18	0.055	0.612	0.612	4.32	0.627	0.407	7.34	0.637	0.004
1/2	0.840	14	0.071	0.758	0.758	4.48	0.778	0.533	7.47	0.791	0.057
3/4	1.050	14	0.071	0.967	0.967	4.75	0.988	0.545	7.64	1.001	0.057
1	1.315	11.5	0.086	1.213	1.213	4.6	1.238	0.682	7.85	1.256	0.069
1 1/4	1.660	11.5	0.086	1.557	1.557	4.83	1.583	0.706	8.13	1.601	0.069
1 1/2	1.900	11.5	0.086	1.796	1.796	4.83	1.822	0.723	8.32	1.841	0.069
2	2.375	11.5	0.089	2.269	2.269	5.01	2.296	0.756	8.7	2.316	0.069
2 1/2	2.875	8	0.125	2.719	2.719	5.46	2.762	1.137	9.1	2.79	0.1
3	3.500	8	0.125	3.34	3.34	6.13	3.388	1.2	9.6	3.415	0.1
3 1/2	4.000	8	0.125	3.837	3.837	6.57	3.388	1.25	10	3.915	0.1
4	4.500	8	0.125	4.334	4.334	6.75	4.387	1.3	10.4	4.415	0.1
5	5.563	8	0.125	5.39	5.39	7.5	5.449	1.406	11.25	5.478	0.1
6	6.625	8	0.125	6.446	6.446	7.66	3.505	1.512	12.21	6.54	0.1

Note: This information is selected from the American Pipe Threads, ANSI/ASME B1.20.1-1983 Table 2 Basic Dimensions of American National Standard Taper Pipe Thread, NPT.

备注：以上信息选自美国管螺纹标准：ANSI/ASME B1.20.1-1983，表2：美国国家标准锥管螺纹基本尺寸

Basic Dimensions for British and Din Standard Malleable Iron Threaded Fittings

英标、德标玛钢管件螺纹基本尺寸

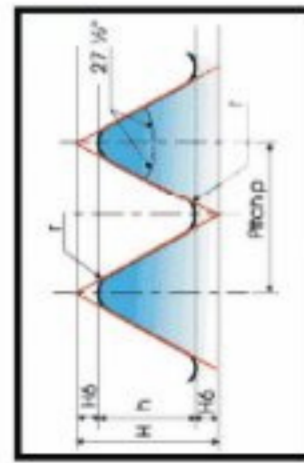
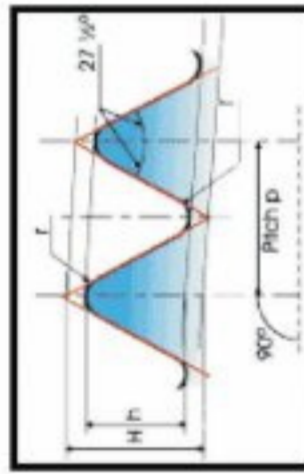
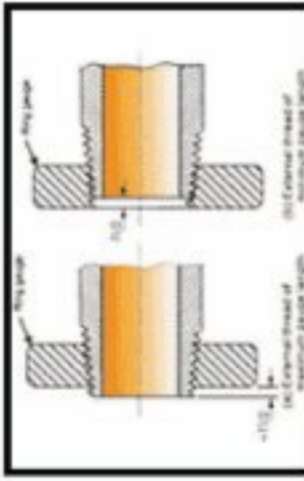


Fig 1 - Parallel thread
 $H = 0.960491 p$
 $h = 0.640327 p$
 $r = 0.137329 p$



Taper 2 - Taper thread
 $H = 0.960237 p$
 $h = 0.640327 p$
 $r = 0.137278 p$



(a) External thread of maximum gauge length
 (b) External thread of minimum gauge length

International Standard ISO7/1, Pipe Threads Dimensions

ISO 7/1 准锥螺纹基本尺寸

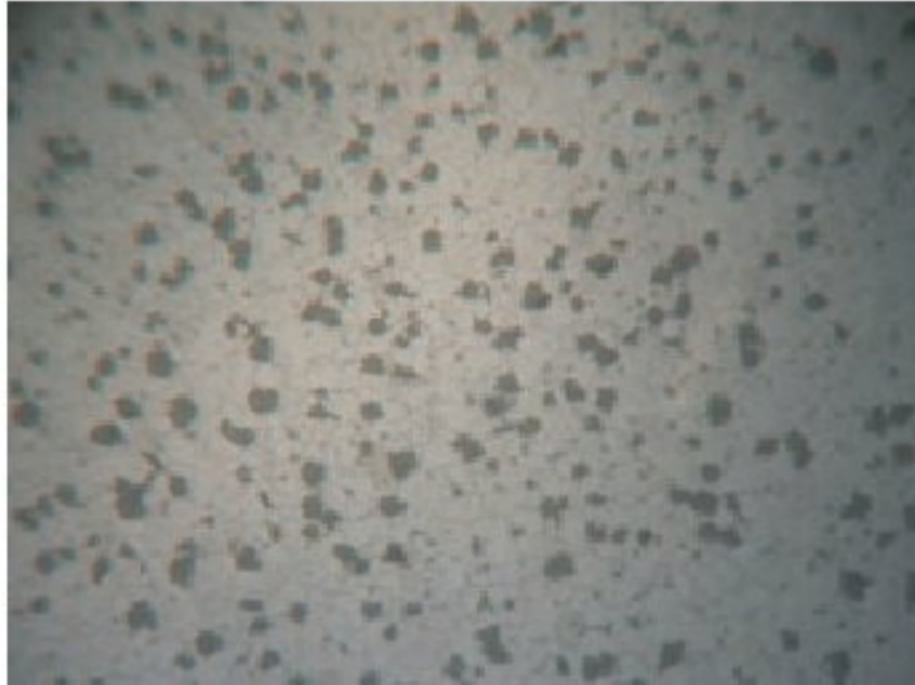
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
																	Diameters at gauge plane 标准面直径		Gauge Length (external thread) 标准长度 (外螺纹)		Tolerance on position of gauge 内螺纹标准位置公差		Length of useful external thread not less than 有效外螺纹长度不小于
Designations of thread size 螺纹标称	Number of threads in 25.4mm 每25.4毫米的牙数	pitch P 螺距	Height of thread h 螺纹高度	Major (gauge diameter) d 大径		Minor d1 小径		Nominal 基本	Tolerance ± 1/2 公差		Minimum 最小	1.1	Turns of threads 牙数		For Nominal gauge length 基本标准长度	For maximum gauge length 最大标准长度	For minimum gauge length 最小标准长度
				Major (gauge diameter) d 大径	Minor d1 小径	Turns of threads 牙数	Maximum 最大		Turns of threads 牙数								
1/8	28	0.907	0.581	9.728	8.566	4	4.9	3.1	1	1	3.1	1.7	1 1/4	6.5	7.4	5.6	
1/4	19	1.337	0.856	13.157	11.445	6	7.3	4.7	1	1	4.7	1.7	1 1/4	9.7	11	8.4	
3/8	19	1.337	0.856	16.662	14.95	6.4	7.7	5.1	1	1	5.1	1.7	1 1/4	10.1	11.4	8.8	
1/2	14	1.814	1.162	20.955	18.631	8.2	10	6.4	1	1	6.4	2.3	1 1/4	13.2	15	11.4	
3/4	14	1.814	1.162	26.441	25.279	9.5	10	7.7	1	1	7.7	2.3	1 1/4	14.5	16.3	12.7	
1	11	2.309	1.479	33.249	30.291	10.4	12.7	8.1	1	1	8.1	2.9	1 1/4	16.8	19.1	14.5	
1 1/4	11	2.309	1.479	41.91	38.952	12.7	15	10.4	1	1	10.4	2.9	1 1/4	19.1	21.4	16.8	
1 1/2	11	2.309	1.479	47.803	44.845	12.7	15	10.4	1	1	10.4	2.9	1 1/4	19.1	21.4	16.8	
2	11	2.309	1.479	59.614	56.656	15.9	18.2	13.6	1	1	13.6	2.9	1 1/4	23	25.7	21.1	
2 1/2	11	2.309	1.479	75.184	72.226	17.5	21	14	1 1/2	1 1/2	14	3.5	1 1/2	26.7	30.2	23.2	
3	11	2.309	1.479	87.884	84.926	20.6	24.1	17.1	1 1/2	1 1/2	17.1	3.5	1 1/2	29.8	33.3	26.3	
4	11	2.309	1.479	113.03	110.072	25.4	28.9	21.9	1 1/2	1 1/2	21.9	3.5	1 1/2	35.8	39.3	32.3	
5	11	2.309	1.479	138.43	135.472	28.6	32.1	25.1	1 1/2	1 1/2	25.1	3.5	1 1/2	40.1	43.6	36.6	
6	11	2.309	1.479	163.83	160.872	28.6	32.1	25.1	1 1/2	1 1/2	25.1	3.5	1 1/2	40.1	43.6	36.6	

Note: This information is selected from the International Standard ISO7/1:2000: Pipe threads where pressure-tight joints, Table Table1
 备注: 以上信息选自国际标准ISO7/1: 螺旋密封接头用管螺纹, 表1.

Technical Information

1) Material

MECH Brand pipe fittings are made of black heart malleable cast iron.



Microstructure of the MECH Brand Black Heart Malleable Iron after annealing

2) Threads

- a. MECH Brand class 150 pipe fittings: ANSI B1.20.1, ISO 7/1
- b. MECH Brand extra heavy class 300 pipe fittings: ANSI B1.20.1, ISO 7/1

3) Pressure–Temperature Ratings

Pressure–Temperature Ratings are shown in the following table.

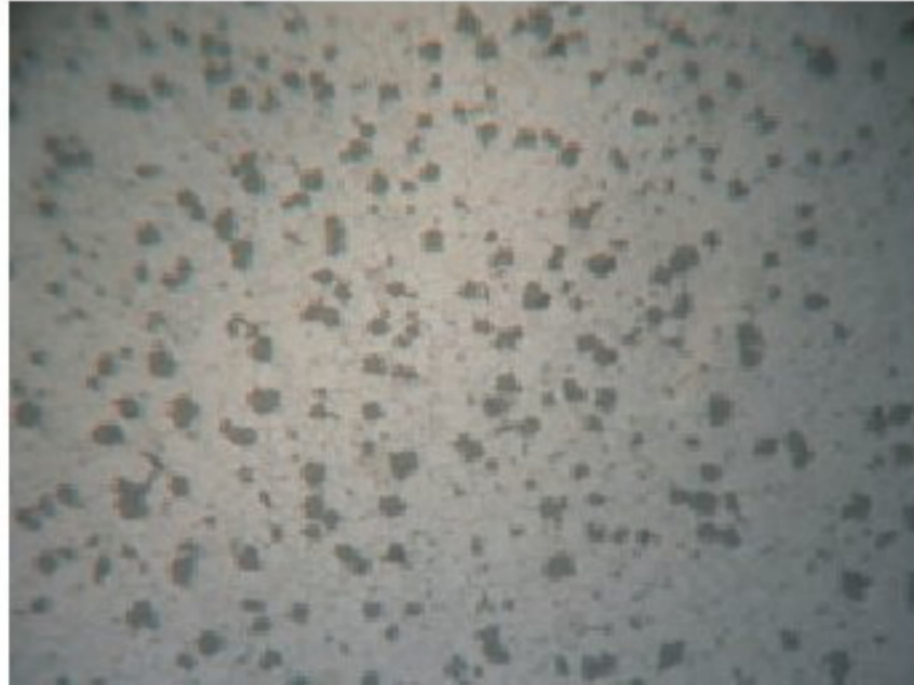
		Class 300, psig		
		Size	Size	Size
Temperature, °F	Class 150, psig	1/4-1	1 1/4-2	2 1/2-3
20 to 150	300	2000	1500	1000
200	265	1785	1350	910
250	225	1575	1200	825
300	185	1360	1050	735
350	150 Note (1)	1150	900	650
400	20 to 150	935	750	580
450	20 to 150	725	600	475
500	20 to 150	510	450	385
550	20 to 150	300	300	300

NOTE:

(1) Permissible for service temperature up to 366 ° F, reflecting the temperature of saturated steam at 150psig.

技术资料

材质
迈克牌玛钢管件的材质为黑心可锻铸铁。



退火后的黑心可锻铸铁金相图片

2) 螺纹

- a. 迈克牌150磅玛钢管件：ANSI B1.20.1, ISO 7/1
b. 迈克牌300磅玛钢管件：ANSI B1.20.1, ISO 7/1

3) 压力和温度的关系

压力-温度的关系如下表所示：

Temperature, °F	Class 150, psig	Class 300, psig		
		Size	Size	Size
		1/4-1	1 1/4-2	2 1/2-3
20 to 150	300	2000	1500	1000
200	265	1785	1350	910
250	225	1575	1200	825
300	185	1360	1050	735
350	150 Note (1)	1150	900	650
400	20 to 150	935	750	580
450	20 to 150	725	600	475
500	20 to 150	510	450	385
550	20 to 150	300	300	300

备注：

(1) 最大允许的工作温度为366 ° F，即150psi下饱和蒸汽的温度。

玛钢管件

美 标

150磅玛钢管件


材 质: ASTM A-197, ASTM A47
 外形尺寸: ASME B16.3, B16.14 UNION B16.39
 螺 纹: ANSI B1.20.1
 可供规格: 1/8"-6"

MALLEABLE IRON PIPE FITTING

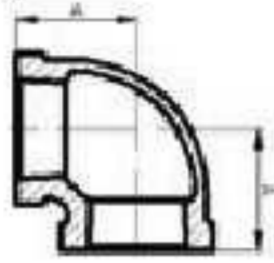
AMERICAN STANDARD

150 PSI MALLEABLE IRON PIPE FITTING

MATERIAL: ASTM A-197, ASTM A47
 DIMENSIONS: ASME B16.3, B16.14
 UNION DIMENSIONS: B16.39
 THREADS: ANSI B1.20.1
 SIZE AVAILABLE: 1/8"-6"

	90	Elbow, 90°		240	Reducing Socket
	90R	Elbow, 90° reducing		241	Bushing, outside head
	90U	180° Return Elbow		241N	Bushing, inside head
	92	Street Elbow, 90°		280	Hexagon Nipple, equal
	92L	Extended Street Elbow		291	Plug, cored
	120	Elbow, 45°		291S	Plug, solid
	121	Street Elbow, 45° equal		291N	Plug, countersunk
	130 (同径)	Tee		291-4	Plug, bar head
	130R (侧大)	Tee, reducing		300	Cap
	130R (中小)	Tee, reducing		310	Locknut
	130R (中大)	Tee, reducing		321	Round Flange, with 4 bolt holes
	130R (异径)	Tee, reducing		321W	Round Flange, without bolt hole
	130R (侧小)	Tee, reducing		342	Union, conical joint, brass to iron seat
	T130	Tee		1221	Side Outlet Elbow, beaded
	134	Service Tee		1223	Side Outlet Tee
	165	Lateral Y Branches, 45°			
	180	Cross			
	180R	Cross, reducing			
	220	Socket			

90 Elbow, 90°



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	3	3 1/2
	mm	6	8	10	15	20	25	32	40	50	65	80	90
Dimensions / 尺寸 (mm.)	A	17.5	20.6	24.1	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	86.9

Size/规格	Inch	4	5	6									
	mm	100	125	150									
Dimensions / 尺寸 (mm.)	A	96.3	114.3	130.3									

90R Elbow, 90° reducing



Size/规格	Inch	4x1/2	4x3/4	4x1	4x1 1/4	4x1 1/2	4x2	4x2 1/2	4x3	3/8x1/2	3/8x1/4	6x4	1/2x3/8
	mm	100x15	100x20	100x25	100x32	100x40	100x50	100x65	100x80	10x6	10x8	150x100	15x10
Dimensions / 尺寸 (mm.)	A	50	54	57	61	63	69	78	83.5	20.5	22	102	26
	B	79	80	83	86	86	87	90	91	21.5	22.5	125	26

Size/规格	Inch	1/2x1/8	1/2x1/4	3/4x3/8	3/4x1/2	3/4x1/8	3/4x1/4	1x3/8	1x1/2	1x3/4	1x1/4	1 1/4x3/8	1 1/4x1/2
	mm	15x6	15x8	20x10	20x15	20x6	20x8	25x10	25x15	25x20	25x8	32x10	32x15
Dimensions / 尺寸 (mm.)	A	22	24	28.5	30.5	26	26.5	30	32	34.5	27	32	34
	B	23	24	28.5	31	27	27	32	35.5	36.5	31	36.5	38.5

Size/规格	Inch	1 1/4x3/4	1 1/2x1	1 1/2x1/2	1 1/2x3/4	1 1/2x1	1 1/2x1 1/4	2x1/2	2x3/4	2x1	2x1 1/4	2x1 1/2	2 1/2x1/2
	mm	32x20	32x25	40x15	40x20	40x25	40x32	50x15	50x20	50x25	50x32	50x40	65x15
Dimensions / 尺寸 (mm.)	A	36.5	40	35	38.5	41.5	46	38	40.5	43.5	48	51	41
	B	41	42	42	44.5	45.5	47.5	48	50	51	53	54.5	57

Size/规格	Inch	2 1/2x3/4	2 1/2x1	2 1/2x1 1/4	2 1/2x1 1/2	2 1/2x2	3x1/2	3x3/4	3x1	3x1 1/4	3x1 1/2	3x2	3x2 1/2
	mm	65x20	65x25	65x32	65x40	65x50	80x15	80x20	80x25	80x32	80x40	80x50	80x65
Dimensions / 尺寸 (mm.)	A	44	48	52	55	60	43	46	50	55	58	64	71.5
	B	58	60	62	62	66	65	66	68	70	72	73	75.5

Size/规格	Inch	1/4x1/8											
	mm	8x6											
Dimensions / 尺寸 (mm.)	A	18.5											
	B	19											

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜管件

框 架

接 管

煤气件

接线盒

沟 槽

90U

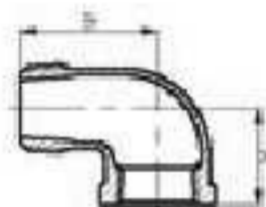
180° Return Elbow



Size/规格	Inch	2												
	mm	50												
Dimensions / 尺寸 (mm.)	A	101.6												
	B	75.1												

92

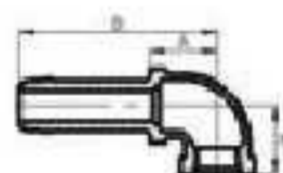
Street Elbow, 90°



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3		
	mm	6	8	10	15	20	25	32	40	50	65	80	100	
Dimensions / 尺寸 (mm.)	A	17.5	20.6	24.1	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	96.3	
	B	25.4	30.2	36.6	41.2	48.0	54.4	62.2	68.3	82.8	98.0	114.6	144.5	

92L

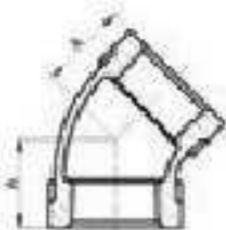
Extended Street Elbow



Size/规格	Inch	1/2												
	mm	15												
Dimensions / 尺寸 (mm.)	A	28.5												
	B	34												

120

Elbow, 45°

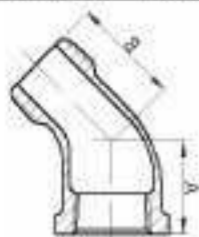


Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	16	18.5	20	22	24.5	28.5	32.5	36	42.5	49.5	55	66	88



121

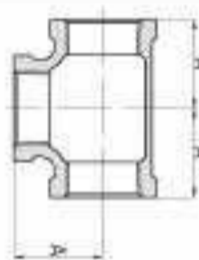
Street Elbow, 45°, equal



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	16	18.5	20	22	24.5	28.5	32.5	36	42.5	49.5	55	66
	B	21	24	26	29	32.5	37	43	47.5	56	56	76	94

130 (同径)

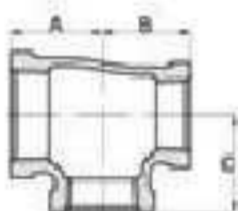
Tee



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	3	2 1/2	3	3 1/2
	mm	6	10	10	15	20	25	32	40	50	65	80	90
Dimensions / 尺寸 (mm.)	A	17.5	20.6	24.1	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	86.9
Size/规格	Inch	4	5	6									
	mm	100	125	150									
Dimensions / 尺寸 (mm.)	A	96.3	114.3	130.3									

130R (侧大)

Tee, reducing



Size/规格	Inch	3/4x1/2x1/2	1x1/2x1/2	1x3/4x3/4	1 1/4x1/2x1/2	1 1/4x3/4x3/4	1 1/2x1x1	1 1/2x1/2x1/2	1 1/2x3/4x3/4	1 1/2x1x1	1 1/2x1/2x1/2	2x3/4x3/4
	mm	30x15x15	25x15x15	25x20x20	32x15x15	32x20x20	32x25x25	40x15x15	40x20x20	40x25x25	40x32x32	50x20x20
Dimensions / 尺寸 (mm.)	A	30.5	32	34.8	34	36.8	40.1	37	38	41.9	46.2	41
	B	28.5	28.5	33.3	27	33.3	38.1	26	32	38.1	44.5	32
	C	31	35.5	36.8	38	41.2	42.4	43	43	45.1	47.8	49

Size/规格	Inch	2x1x1	2x1 1/4x1 1/4	2x1 1/2x1 1/2	2 1/2x2x2	3x2x2						
	mm	50x25x25	50x32x32	50x40x40	65x50x50	80x50x50						
Dimensions / 尺寸 (mm.)	A	46	48.3	51.3	60.7	64						
	B	44.5	44.5	49.3	57.2	57.2						
	C	47.5	53.3	54.9	66	73.4						

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

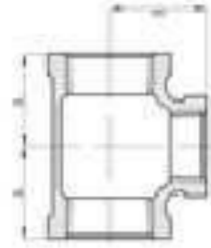
接管

煤气件

接线盒

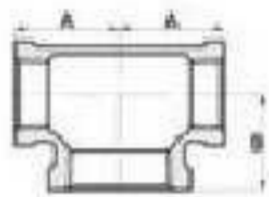
沟槽

130R (中小)
Tee, reducing



Size/规格	Inch	1/4x1/8	3/8x1/8	3/8x1/4	1/2x3/8	1/2x1/8	1/2x1/4	3/4x3/8	3/4x1/2	3/4x1/4	1x3/8	1x1/2	1x3/4	1x1/4
	mm	8x6	10x6	10x8	15x10	15x6	15x8	20x10	20x15	20x8	25x10	25x15	25x20	25x8
Dimensions / 尺寸 (mm.)	A	18.8	20.6	22.4	26.4	22	24.6	28.5	30.5	26.7	30	32	34.8	28
	B	19.3	21.6	22.9	26.2	23	24.9	28.7	31	27.4	32.3	35.5	36.8	31
Size/规格	Inch	1/2x3/8	1/2x1/2	1/2x3/4	1/2x1	1/2x1/4	1/2x3/8	1/2x1/2	1/2x3/4	1/2x1	1/2x1/4	2X3/8	2X1/2	2X3/4
	mm	32x10	32x15	32x20	32x25	32x8	40x10	40x15	40x20	40x25	40x32	50x10	50x15	50x20
Dimensions / 尺寸 (mm.)	A	32	34	36.8	40.1	30	34	35.8	38.6	41.9	46.2	37	37.9	40.6
	B	36.6	38.9	41.2	42.4	36.5	39	42.2	44.5	45.7	47.8	46	47.8	50
Size/规格	Inch	2X1	2X1 1/4	2X1 1/2	2 1/2x1/2	2 1/2x3/4	2 1/2x1	2 1/2x1 1/4	2 1/2x1 1/2	2 1/2x2	3X1 1/2	3X3/4	3X1	3X1 1/4
	mm	50x25	50x32	50x40	65x15	65x20	65x25	65x32	65x40	65x50	80x15	80x20	80x25	80x32
Dimensions / 尺寸 (mm.)	A	43.9	48.3	51.3	41	44.2	47.5	51.8	54.9	60.7	43	47.5	50.8	55.1
	B	51.3	53.3	54.9	57	58.9	60.2	62.7	63.8	66	65	66.3	67.6	69.6
Size/规格	Inch	3X1 1/2	3X2	3X2 1/2	4X1/2	4X3/4	4X1	4X1 1/4	4X1 1/2	4X2	4X2 1/2	4x3	6x3	6x4
	mm	80x40	80x50	80x65	100x15	100x20	100x25	100x32	100x40	100x50	100x65	100x80	150x80	150x100
Dimensions / 尺寸 (mm.)	A	58.2	64	71.9	50	54	57	61	63.8	69.6	77.5	83.8	92.5	104.9
	B	71.1	73.4	76	79	80	83	84	94.3	86.6	89.2	91.4	120.7	125.5

130R (中大)
Tee, reducing



Size/规格	Inch	5/8x3/8x1/2	1/2x1/2x3/4	1/2x1/2x1	3/4x3/4x1	1x3/4x1 1/4	1x1/2x1	1x1x1 1/4	1x1x2	1 1/2x1 1/2x1 1/4	1 1/2x1 1/2x1 1/2	1 1/2x1 1/2x2	1 1/2x1 1/2x3	2x2x1 1/2
	mm	10x10x15	15x15x20	15x15x25	20x20x25	20x20x32	25x25x32	25x25x40	25x25x50	32x32x40	32x32x50	40x40x50	40x40x65	50x50x65
Dimensions / 尺寸 (mm.)	A	26.2	31	34.6	36.8	41.2	42.4	45.7	51.3	47.8	53.3	54.9	62	66
	B	26.4	30.5	32	34.8	36.8	40.1	41.9	48.9	46.2	48.3	51.3	55	60.7

130R (异径)
Tee, reducing



Size/规格	Inch	3/4x1/2x1	1x1/2x3/4	1x3/4x1/2	1 1/2x1/2x3/4	1 1/2x1/2x1	1 1/2x3/4x1/2	1 1/2x3/4x1	1 1/2x1x1/2	1 1/2x1x3/4	1 1/2x1x1 1/4	1 1/2x1/2x3/4	1 1/2x1/2x1
	mm	20x15x25	25x15x20	25x20x15	37x15x20	37x15x25	37x20x15	37x20x25	37x25x15	37x25x20	37x25x40	40x15x20	40x15x25
Dimensions / 尺寸 (mm.)	A	38	34.8	32	35	40.1	40	40.1	34	36.8	48	40	44
	B	33	31	30.5	29	34.5	37	36.8	32	34.8	46	30	34
	C	34	36.8	35.5	38	42.4	42.5	42.4	38.9	41.2	46	43	46

130R (异径)

Tee, reducing

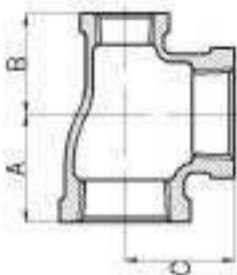


Size/规格	Inch	1/2x1/2x1/2	1/2x3/4x1/2	1/2x3/4x1	1/2x3/4x1 1/2	1/2x1x1/2	1/2x1x3/4	1/2x1x1	1/2x1 1/2x1/2	1/2x1 1/2x3/4	1/2x1 1/2x1	1/2x1 1/2x1 1/2	1/2x1 1/2x2
	mm	40x15x20	40x20x15	40x20x25	40x20x32	40x25x15	40x25x20	40x25x25	40x25x32	40x25x38	40x25x40	40x25x45	40x25x50
Dimensions / 尺寸 (mm.)	A	48	38	48	46	37	40	46.2	35.8	38.6	41.9	55	51.3
	B	38	29	42	41	32	35	42.4	34.5	36.3	40.1	53.5	45.7
	C	49	41	41.5	48	41	43	47.8	42.2	44.5	45.7	51.5	54.9

Size/规格	Inch	2x1/2x1	2x1/2x1 1/2	2x1/2x2	2x1/2x3/4	2x1/2x1	2x1/2x1 1/2	2x1/2x2					
	mm	50x25x25	50x25x40	50x40x15	50x40x20	50x40x25	50x40x32	50x40x38	60x40x38				
Dimensions / 尺寸 (mm.)	A	44	51.3	42	40.5	43.9	48.3	60.7					
	B	40	47.8	37	38.5	41.9	46.2	54.9					
	C	51	54.9	47	50	51.3	53.3	66					

130R (侧小)

Tee, reducing

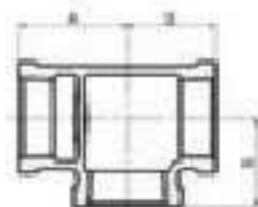


Size/规格	Inch	1/2x3/8x1/2	1/2x1/4x1/2	3/4x1/2x3/4	1x1/2x1	1x3/4x1	1x1/4x1	1/2x1/2x1/2	1/2x3/4x1/2	1/2x1x1/2	1/2x1/2x1	1/2x3/4x1/2	1/2x1x1/2
	mm	15x10x15	15x8x15	20x15x20	25x15x25	25x20x25	25x8x25	32x15x32	32x20x32	32x25x32	40x15x40	40x20x40	40x25x40
Dimensions / 尺寸 (mm.)	A	28.5	28.5	33.3	38.1	38.1	38	44.5	44.5	44.5	49.3	49.3	49.3
	B	26.2	24.9	31.6	35.5	36.8	30	38.9	41.2	42.4	42.2	44.5	45.7
	C	28.5	28.5	33.3	38.1	38.1	38	44.5	44.5	44.5	49.3	49.3	49.3

Size/规格	Inch	1/2x1/2x1/2	2x1/2x2	2x3/4x2	2x1x2	2x1/2x2	2x1/2x2	2x1/2x2 1/2	2x1/2x2 1/2	3x2x3			
	mm	40x20x40	50x15x50	50x20x50	50x25x50	50x32x50	50x40x50	60x40x60	60x50x60	80x50x80			
Dimensions / 尺寸 (mm.)	A	49.3	57.2	57.2	57.2	57.2	57.2	68.6	68.6	78.2			
	B	47.8	47.8	50	51.3	53.3	54.8	63.8	66	73.4			
	C	49.3	57.2	57.2	57.2	57.2	57.2	68.6	68.6	78.2			

T130

Tee



Size/规格	Inch	1 1/4											
	mm	32											
Dimensions / 尺寸 (mm.)	A	55											
	B	45.5											

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

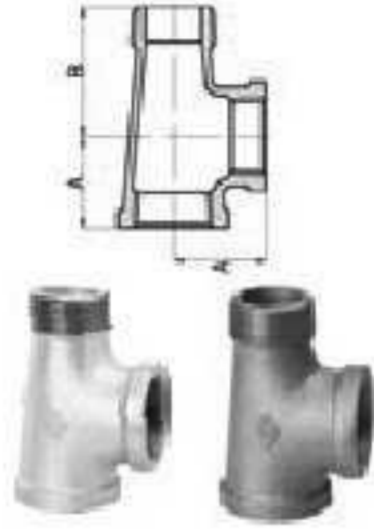
煤气件

接线盒

沟槽

134

Service Tee



Size/规格	Inch	1/4	1/2	3/4	1	1 1/4	1 1/2	2					
	mm	8	15	20	25	32	40	50					
Dimensions / 尺寸 (mm.)	A	20.6	28.5	33.3	38.1	44.5	49.3	57.2					
	B	30.2	41.2	48	54.4	62.2	68.3	82.8					

165

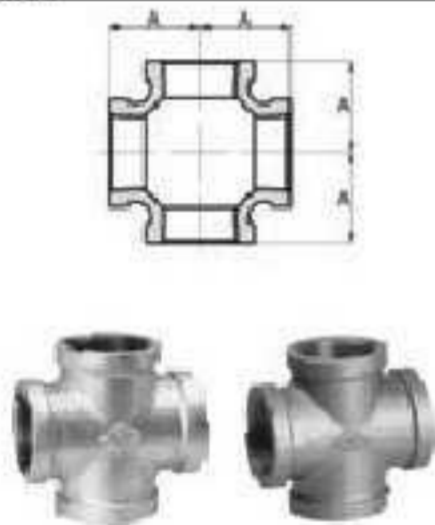
Lateral Y Branches, 45°



Size/规格	Inch	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4		
	mm	10	15	20	25	32	40	50	65	80	100		
Dimensions / 尺寸 (mm.)	A	12.7	15.5	18.3	21.6	25.9	27.9	31.5	38.6	43.4	51.1		
	B	36.3	43.4	52.1	61.7	74.2	83.3	99.8	120.1	141	177		

180

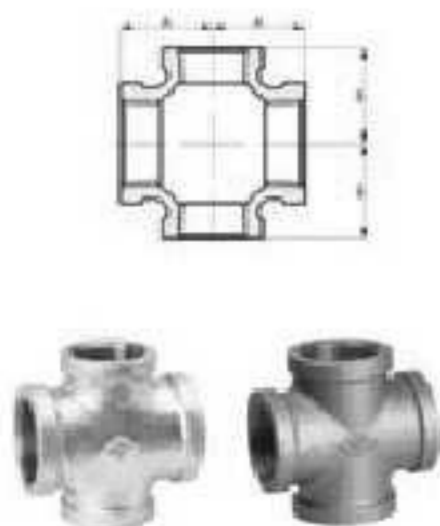
Cross



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	17.5	20.6	24.1	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	96.3

180R

Cross reducing

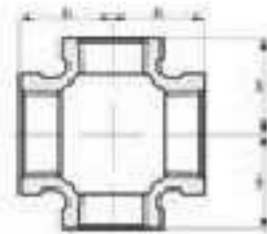


Size/规格	Inch	3/4x1/2	1x1/2	1x3/4	1 1/4x1/2	1 1/4x3/4	1 1/4x3/4	1 1/2x1	1 1/2x3/4	1 1/2x1	1 1/2x1/4	2x3/4	2x1
	mm	20x15	25x15	25x20	32x15	32x20	32x20	32x25	40x20	40x25	40x32	50x20	50x25
Dimensions / 尺寸 (mm.)	A	30.5	32	34.8	34	36.8	40	40.1	38.6	41.9	46.2	40.6	43.9
	B	31	35.5	36.8	38.9	41.2	34	42.4	44.5	45.7	47.8	50	51.3



180R

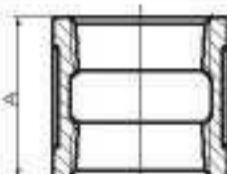
Cross reducing



Size/规格	Inch	2x1/2	2x1/2	2 1/2 x 1	2 1/2 x 1 1/2	2 1/2 x 1 1/2	2 1/2 x 2	3x1	3x1 1/2	3x1 1/2	3x2	3x2 1/2	4x1
	mm	50x32	50x40	65x25	65x32	65x40	65x50	80x25	80x32	80x40	80x50	80x65	100x25
Dimensions / 尺寸 (mm)	A	48.3	51.3	47.5	51.5	54.9	60.7	50.5	55	58	64	71.9	57
	B	53.3	54.9	60.2	62.5	63.8	66	67.5	69.5	71	73.4	76	83
Size/规格	Inch	4x1 1/2	4x1 1/2	4x2	4x2 1/2	4x3							
	mm	100x32	100x40	100x50	100x65	100x80							
Dimensions / 尺寸 (mm)	A	61	63.5	69.5	77.5	83.8							
	B	84	84	86.5	89	91.4							

220

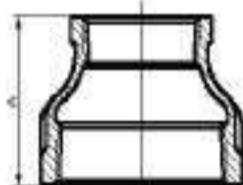
Socket



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm)	A	24.4	26.9	29.5	34.0	38.6	42.4	49.0	54.6	64.3	73.2	80.8	93.0

240

Reducing Socket



Size/规格	Inch	1/4x1/8	3/8x1/8	3/8x1/4	1/2x1/8	1/2x1/4	1/2x3/8	3/4x1/8	3/4x1/4	3/4x3/8	3/4x1/2	1x1/4	1x3/8
	mm	8x6	10x6	10x8	15x6	15x8	15x10	20x6	20x8	20x10	20x15	25x8	25x10
Dimensions / 尺寸 (mm)	A	25.4	28.7	28.7	31.8	31.8	31.8	36.6	36.6	36.6	36.6	42.9	42.9

Size/规格	Inch	1x1/2	1x3/4	1 1/2 x 1/4	1 1/2 x 3/8	1 1/2 x 1/2	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1/4	1 1/2 x 3/8	1 1/2 x 1/2	1 1/2 x 3/4	1 1/2 x 1
	mm	25x15	25x20	32x8	32x10	32x15	32x20	32x25	40x8	40x10	40x15	40x20	40x25
Dimensions / 尺寸 (mm)	A	42.9	42.9	52.3	52.3	52.3	52.3	52.3	58.7	58.7	58.7	58.7	58.7

Size/规格	Inch	1 1/2 x 1 1/2	2x3/4	2x1/2	2x3/4	2x1	2x1 1/2	2x1 1/2	2 1/2 x 1/2	2 1/2 x 3/4	2 1/2 x 1	2 1/2 x 1 1/2	2 1/2 x 2
	mm	40x32	50x10	50x15	50x20	50x25	50x32	50x40	65x15	65x20	65x25	65x32	65x40
Dimensions / 尺寸 (mm)	A	58.7	71.4	71.4	71.4	71.4	71.4	71.4	82.6	82.6	82.6	82.6	82.6

Size/规格	Inch	3x1/2	3x3/4	3x1	3x1 1/2	3x1 1/2	3x2	3x2 1/2	4x1	4x1 1/2	4x1 1/2	4x2	4x2 1/2	4x3
	mm	80x15	80x20	80x25	80x32	80x40	80x50	80x65	100x25	100x32	100x40	100x50	100x65	100x80
Dimensions / 尺寸 (mm)	A	93.7	93.7	93.7	93.7	93.7	93.7	93.7	111.3	111.3	111.3	111.3	111.3	111.3

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

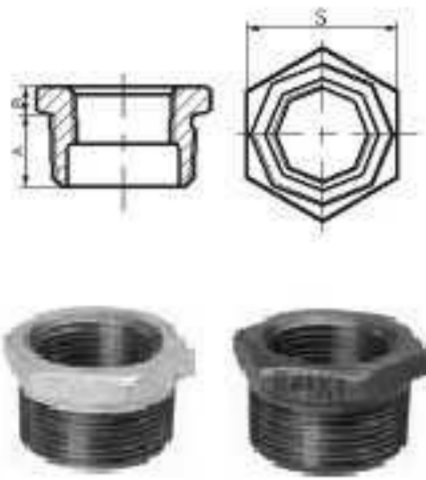
煤气件

接线盒

沟槽

241

Bushing, outside head



Size/规格	Inch	1/4x1/8	3/8x1/8	3/8x1/4	1/2x1/8	1/2x1/4	1/2x3/8	3/4x1/8	3/4x1/4	3/4x3/8	3/4x1/2	1x1/2	1x3/4	1 1/2x3/4
	mm	8x6	10x6	10x8	15x6	15x8	15x10	20x6	20x8	20x10	20x15	25x15	25x20	32x20
Dimensions / 尺寸 (mm.)	A	11.2	12.2	12.2	14.2	14.2	14.2	16	16	16	16	19.1	19.1	20.3
	B	3.6	4.3	4.1	4.8	4.8	4.8	5.6	5.6	5.6	5.6	6.4	6.4	7.1
	C	16.3	17.3	17.3	22.1	22.1	22.1	29.2	29.2	29.2	29.2	36.1	36.1	44.7

Size/规格	Inch	1 1/2x1	1 1/2x1	1 1/2x1 1/2	2x1 1/2	2x1 1/2	2 1/2x1 1/2	2 1/2x2	3x2	3 1/2x3	4x3	4x3 1/2	5x4	6x5
	mm	32x25	40x25	40x32	50x32	50x40	65x40	65x60	80x60	90x80	100x80	100x90	125x100	150x125
Dimensions / 尺寸 (mm.)	A	20.3	21.1	21.1	22.4	22.4	27.2	27.2	28.7	30	31	31	33.3	35.6
	B	7.1	7.9	7.9	8.6	8.6	11.2	9.4	12.2	10.9	12.7	12.7	12.7	16
	C	44.7	50.8	50.8	63	63	68.1	75.7	83.3	117.3	117.3	132.1	147.1	179.1

241N

Bushing, inside head



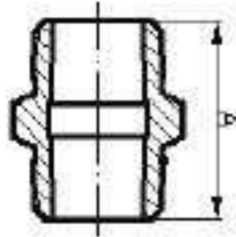
Size/规格	Inch	1x1/8	1x1/4	1x3/8	1 1/2x1/4	1 1/2x3/8	1 1/2x1/2	1 1/2x1/8	1 1/2x1/4	1 1/2x3/8	1 1/2x1/2	1 1/2x3/4	2x1/4
	mm	25x6	25x8	25x10	32x6	32x10	32x15	40x6	40x8	40x10	40x15	40x20	50x8
Dimensions / 尺寸 (mm.)	A	19.1	19.1	19.1	20.3	20.3	20.3	21.1	21.1	21.1	21.1	21.1	22.4
	B	7.6	7.6	7.6	8.6	8.6	8.6	9.4	9.4	9.4	9.4	9.4	10.4
	S	28.5	28.5	28.5	28.5	28.5	34	28.5	28.5	28.5	34	41.4	28.5

Size/规格	Inch	2x3/8	2x1/2	2x3/4	2x1	2 1/2x1/2	2 1/2x3/4	2 1/2x1	2 1/2x1 1/4	3x1/2	3x3/4	3x1	3x1 1/4
	mm	50x10	50x15	50x20	50x25	65x15	65x20	65x25	65x32	80x15	80x20	80x25	80x32
Dimensions / 尺寸 (mm.)	A	22.4	22.4	22.4	22.4	27.2	27.2	27.2	27.2	28.7	28.7	28.7	28.7
	B	10.4	10.4	10.4	10.4	11.2	11.2	11.2	11.2	12.2	12.2	12.2	12.2
	S	28.5	34	41.4	49.5	34	41.4	49.5	60.7	34	41.4	49.5	60.7

Size/规格	Inch	3x1 1/2	4x3/4	4x1	4x1 1/4	4x1 1/2	4x2	4x2 1/2	5x2	5x2 1/2	6x3	6x4
	mm	80x40	100x20	100x25	100x32	100x40	100x50	100x65	125x50	125x65	150x80	150x100
Dimensions / 尺寸 (mm.)	A	28.7	31	31	31	31	31	31	33.3	33.3	35.6	35.6
	B	12.2	17	15.2	15.2	15.2	15.2	15.2	15.2	15.2	19.1	19.1
	S	68.1	41.5	49.5	60.7	68.1	83.3	98	83.3	98	117.3	147.1

280

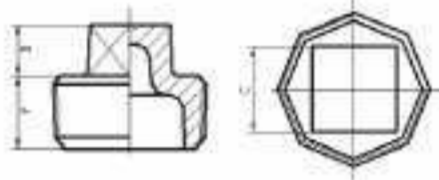
Hexagon Nipple, equal



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2		
	mm	6	8	10	15	20	25	32	40	50	65		
Dimensions / 尺寸 (mm.)	A	29	36	38	43	45	52	56	58	65	72		

291

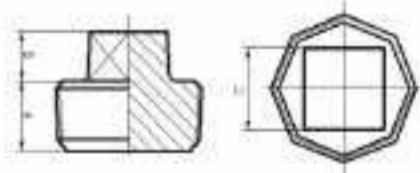
Plug, cored



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	9.4	11.2	12.2	14.3	16	19	20.3	21.1	22.4	27.2	28.7	38.5
	B	6.1	7.2	7.9	9.7	11.2	12.7	14.2	15.8	17.3	18.8	20.3	26
	C	7.2	9.6	11.1	14.3	15.9	20.6	23.8	28.6	33.3	38.1	42.9	55.2

291S

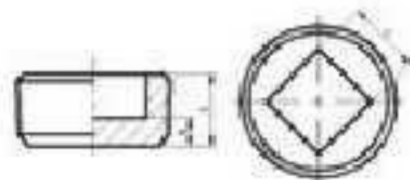
Plug, solid



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	9.4	11.2	12.2	14.3	16	19	20.3	21.1	22.4	27.2	28.7	38.5
	B	6.1	7.2	7.9	9.7	11.2	12.7	14.2	15.8	17.3	18.8	20.3	26
	C	7.2	9.6	11.1	14.3	15.9	20.6	23.8	28.6	33.3	38.1	42.9	55.2

291N

Plug, countersunk



Size/规格	Inch	1/2	3/4	1	1 1/2	1 1/2	2	2 1/2	3	4			
	mm	15	20	25	32	40	50	65	80	100			
Dimensions / 尺寸 (mm.)	A	14.2	16	19.1	20.3	21.1	22.4	27.2	28.7	31			
	B	4.1	4.6	5.1	5.6	6.1	6.6	7.4	7.9	9.4			
	C	9.5	12.7	12.7	19	19	22.2	28.6	34.9	50.8			

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

煤气件

接线盒

沟槽

291-4

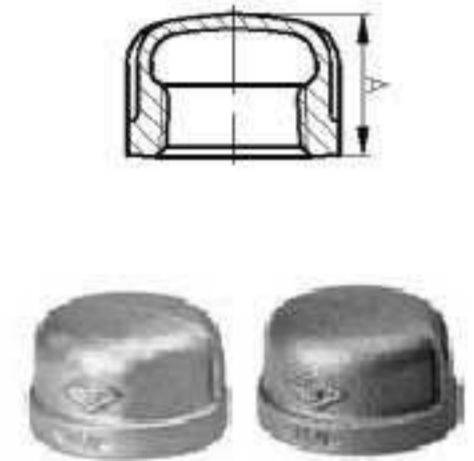
Plug, bar head



Size/规格	Inch	4	5	6										
	mm	100	125	150										
Dimensions / 尺寸 (mm.)	A	31	33.3	35.6										
	B	25.4	25.4	31.8										
	C	22.4	22.4	31.5										

300

Cap



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	3	3 1/2
	mm	6	8	10	15	20	25	32	40	50	65	80	90
Dimensions / 尺寸 (mm.)	A	13.5	16	18.8	22.1	24.6	29.5	32.5	33.8	36.8	43.2	45.7	48.3
Size/规格	Inch	4	5	6									
	mm	100	125	150									
Dimensions / 尺寸 (mm.)	A	52.8	58.9	64.8									

310

Locknut



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4		
	mm	6	8	10	15	20	25	32	40	50	65		
Dimensions / 尺寸 (mm.)	A	4.9	6.4	7.2	7.9	8.6	9.7	10.7	11.9	13.5	15		
	F	12.7	16.8	19.6	24.6	31.2	38.1	47.2	53.8	66.8	80.8		
	S	17.5	21.3	25.4	30	36.3	44.5	53.3	59.7	73.2	88.9		

321

Round Flange, with 4 bolt holes

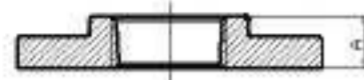


Size/规格	Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2				
	mm	8	10	15	20	25	32	40	50				
Dimensions / 尺寸 (mm.)	A	12	14	14	16	17	19	22	25				



321W

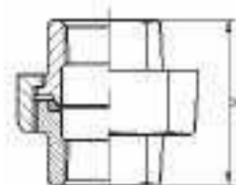
Round Flange, without bolt hole



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2							
	mm	15	20	25	32	40	50							
Dimensions / 尺寸 (mm.)	A	14	16	17	19	22	25							

342

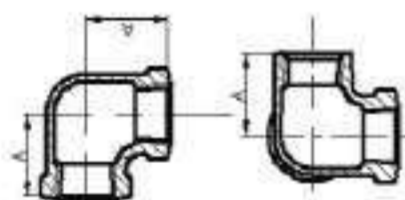
Union, conical joint, brass to Iron Seat



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	Amin	32	37	41	44	49.5	52.5	57.5	61.5	70	82	89	98	145

1221

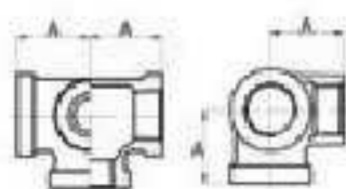
Side Outlet Elbow, beaded



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2							
	mm	15	20	25	32	40	50							
Dimensions / 尺寸 (mm.)	A	27	32	36	43	49	57							

1223

Side Outlet Tee



Size/规格	Inch	1/2	3/4	1										
	mm	15	20	25										
Dimensions / 尺寸 (mm.)	A	28	33	38										

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜管件

框 架

接 管

煤气件

接线盒

沟 槽

玛钢管件














英 标

材 质: ASTM A-197, ASTM A47
 外型尺寸: BS EN 10242, BS 143&1256
 螺 纹: ISO7/1
 可供规格: 1/8" - 6"

MALLEABLE IRON PIPE FITTING

BRITISH STANDARD

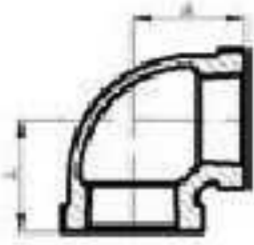
MATERIAL: ASTM A-197, ASTM A47
 DIMENSIONS: BS EN 10242, BS 143&1256
 THREADS: ISO7/1
 SIZE AVAILABLE: 1/8" - 6"

	90	Elbow, 90°		280	Hexagon Nipple, equal
	90R	Elbow, 90°, reducing		291	Plug
	92	Street Elbow, 90°		300	Cap
	96	Union Elbow, F & F, conical joint iron to iron		310	Locknut
	98	Union Elbow, M & F, conical joint iron to iron		321-4	Flange BS 4504
	120	Elbow, 45°		321-6	Flange 1600/4
	130 (同径)	Tee		321-H	Flange
	130R (中小)	Tee, reducing		321P	Flange DRP D
	130R (中大)	Tee, reducing		321PW	Flange, U/D
	130R (侧大)	Tee, reducing		321TD	Flange, BS Table D
	130R (侧小)	Tee, reducing		330	Union, flat seat, hexagon, without gasket
	130R (异径)	Tee, reducing		340	Union, conical joint, iron to iron seat
	134	Service Tee, equal		341	Union, M & F, conical joint iron to iron seat
	165	Lateral Y Branches, 45°		342	Union, conical joint, brass to iron seat
	180	Cross		529A	Extension pieces (sockets M & F), Equal
	180R	Cross, reducing		529X	Extension Short Piece
	220	Socket		1221	Side Outlet Elbow
	240	Socket, reducing		1223	Side Outlet Tee
	241	Bushing		1224	Side Outlet Tee
	270	Socket, parallel threads		SCC	Short Body Coupling
	271	Coupling, left & right		TCC	Compression Tee
				LCC	Long Body Coupling



90

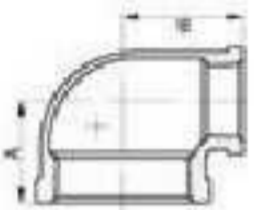
Elbow, 90°



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	17.5	20	23.5	26.5	31	36.5	43.5	47.5	55.5	67	75.5	94
Size/规格	Inch	5	6										
	mm	125	150										
Dimensions / 尺寸 (mm.)	A	114	128.5										

90R

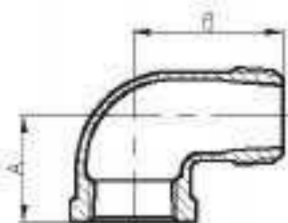
Elbow, 90°, reducing



Size/规格	Inch	4 x 2	4 x 2 1/2	4 x 3	3/8 x 1/4	1/2 x 3/8	3/4 x 3/8	3/4 x 1/2	1 x 1/2	1 x 3/4	1 1/4 x 1/2	1 1/4 x 3/4	1 1/4 x 1
	mm	100 x 50	100 x 65	100 x 80	10 x 8	15 x 10	20 x 10	20 x 15	25 x 15	25 x 20	32 x 15	32 x 20	32 x 25
Dimensions / 尺寸 (mm.)	A	68	77	82	23	26	28	28.5	31	33	33	37	39
	B	86	89	90	23	26	28	29.5	32	34	37	39	41
Size/规格	Inch	1 1/2 x 1/2	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1 1/4	2 x 1/2	2 x 3/4	2 x 1	2 x 1 1/2	2 x 1 1/2	2 1/2 x 1	2 1/2 x 1 1/2	2 1/2 x 1 1/2
	mm	40 x 15	40 x 20	40 x 25	40 x 32	50 x 15	50 x 20	50 x 25	50 x 32	50 x 40	65 x 25	65 x 32	65 x 40
Dimensions / 尺寸 (mm.)	A	34	37	40	44	37	40	43	47	51	46.5	50.5	53.5
	B	41	42	44	47	47	48	50	53	54	58.5	60	61
Size/规格	Inch	2 1/2 x 2	3 x 1 1/2	3 x 1 1/2	3 x 2	3 x 2 1/2							
	mm	65 x 50	80 x 32	80 x 40	80 x 50	80 x 65							
Dimensions / 尺寸 (mm.)	A	59	53.5	56.5	60.5	71							
	B	64	68	71	71	74							

92

Street Elbow, 90°



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions / 尺寸 (mm.)	A	17.5	20.5	24	26.5	31	37	45	47	55.5	67	75.5	95
	B	25	30	36.5	39	46	53	61	67	78	90	102	124

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

煤气件

接线盒

沟槽



130R (中小) Tee, reducing



Size/规格	Inch	3/8x1/8	3/8x1/4	1/2x3/8	1/2x1/8	1/2x1/4	3/4x3/8	3/4x1/2	3/4x1/4	1x3/8	1x1/2	1x3/4	1x1/4
	mm	10x6	10x8	15x10	15x6	15x8	20x10	20x15	20x8	25x10	25x15	25x20	25x8
Dimensions / 尺寸 (mm.)	A	20.5	22	26	22	24	28	28.5	26.5	30	31	33	28
	B	21.5	22.5	26	23	24	28	29.5	27	32	32	34	31

Size/规格	Inch	1/2x3/8	1/2x1/2	1/2x3/4	1/2x1	1/2x1/4	1/2x3/8	1/2x1/2	1/2x3/4	1/2x1	1/2x1/4	2x1/2	2x3/4
	mm	32x10	32x15	32x20	32x25	32x8	40x10	40x15	40x20	40x25	40x32	50x15	50x20
Dimensions / 尺寸 (mm.)	A	31	32.5	35	39	30	34	34.5	37	40	44	37	40
	B	35	37	39.5	41	36.5	39	41	42	44	47	47	48

Size/规格	Inch	2x1	2x1/4	2x1/2	2 1/2x1/2	2 1/2x3/4	2 1/2x1	2 1/2x1/4	2 1/2x1/2	2 1/2x2	3x3/4	3x1	3x1/4
	mm	50x25	50x32	50x40	65x15	65x20	65x25	65x32	65x40	65x50	80x20	80x25	80x32
Dimensions / 尺寸 (mm.)	A	43	47	51	40	43	47	51	54	59	45	49	54
	B	50	53	54	56	57	59	61	61	63.5	65	67	69

Size/规格	Inch	3x1 1/2	3x2	3x2 1/2	4x1	4x1 1/2	4x1 1/2	4x2	4x2 1/2	4x3			
	mm	80x40	80x50	80x65	100x25	100x32	100x40	100x50	100x65	100x80			
Dimensions / 尺寸 (mm.)	A	57	61	71	56	60	62	68	77	81.5			
	B	71	71	74	82	85	85	86	89	89.5			

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

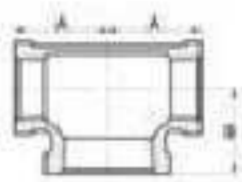
接管

煤气件

接线盒

沟槽

130R (中大) Tee, reducing



Size/规格	Inch	1/2x1/2x3/4	1/2x1/2x1	3/4x3/4x1	1x1x1/4	1x1x1/2	1x1x2	1 1/2x1 1/2x1 1/2	1 1/2x1 1/2x2	1 1/2x1 1/2x2	2x2x2 1/2		
	mm	15x15x20	15x15x25	20x20x25	25x25x32	25x25x40	25x25x50	32x32x40	32x32x50	40x40x50	50x50x65		
Dimensions / 尺寸 (mm.)	A	30	33	36	42	45	51	48	54	55	64		
	B	29	32	34.5	40	41	44	45	48	52	59		

130R (侧大) Tee, reducing



Size/规格	Inch	3/4x1/2x1/2	1x1/2x1/2	1x3/4x3/4	1/2x3/4x3/4	1/2x1x1	3/4x3/4x3/4	1/2x1x1	1/2x1/2x1/2	2x1x1	2x1/2x1/2	2x1/2x1/2	3x2x2
	mm	20x15x15	25x15x15	25x20x20	32x20x20	32x25x25	40x20x20	40x25x25	40x32x32	50x25x25	50x32x32	50x40x40	80x50x50
Dimensions / 尺寸 (mm)	A	30	32	34.5	36	44	38	41.5	46	46	44	51	64
	B	28	28	33	33	38	32	38	44.5	44.5	38	49	57
	C	31	34	36	41	42	43	45	47.5	47.5	51	55	73

130R (侧小) Tee, reducing



Size/规格	Inch	3/4x1/2x3/4	1x1/2x1	1x3/4x1	1x1/4x1	1/2x3/4x1/2	1/2x1x1/2	1/2x1/2x1/2	1/2x3/4x1/2	1/2x1x1/2	1/2x1/4x1/2	2x1/2x2
	mm	20x15x20	25x15x25	25x20x25	25x8x25	32x20x32	32x25x32	40x15x40	40x20x40	40x25x40	40x32x40	50x15x50
Dimensions / 尺寸 (mm)	A	33	38	38	38	44.5	44.5	49	49	49	49	57
	B	31	35	36	30	41	42	42	44	45.5	47.5	47.5
	C	33	38	38	38	44.5	44.5	49	49	49	49	57

Size/规格	Inch	2x3/4x2	2x1x2	2x1/2x2	2x1/2x2							
	mm	50x20x50	50x25x50	50x32x50	50x40x50							
Dimensions / 尺寸 (mm)	A	57	57	57	57							
	B	50	51	53	54							
	C	57	57	57	57							

130R (异径) Tee, reducing

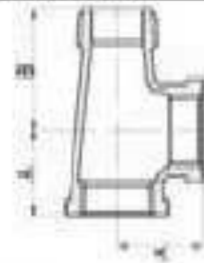


Size/规格	Inch	3/4x1/2x1	1x1/2x3/4	1x3/4x1/2	1/2x1/2x3/4	1/2x1/2x1	1/2x3/4x1/2	1/2x3/4x1	1/2x1x1/2	1/2x1x3/4	1/2x3/4x1/2	1/2x1x1/2
	mm	20x15x25	25x15x20	25x20x15	32x15x20	32x15x25	32x20x15	32x20x25	32x25x15	32x25x20	40x20x32	40x25x32
Dimensions / 尺寸 (mm)	A	38	34.5	32	35	40	40	40	34	36.5	46	46
	B	33	31	30.5	29	34.5	37	36.5	32	34.5	41	42
	C	34	36.5	35.5	38	42	42.5	42	38.5	41	48	47.5

Size/规格	Inch	1/2x1/2x1/2	1/2x1/2x3/4	1/2x1/2x1	1/2x1/2x2	2x1/2x1	2x1/2x1/2	2x1/2x1/2	2x1/2x3/4	2x1/2x1	2x1/2x1/2	
	mm	40x32x15	40x32x20	40x32x25	40x32x50	50x32x25	50x32x40	50x40x15	50x40x20	50x40x25	50x40x32	
Dimensions / 尺寸 (mm)	A	35.5	38.5	41.5	55	44	51	42	40	43	47	
	B	34.5	36	40	53.5	40	47.5	37	38	41	45	
	C	42	44.5	45.5	51.5	51	54.5	47	50	50.5	52.5	

**134**

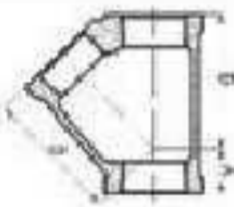
Service Tee, equal



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2						
	mm	15	20	25	32	40	50						
Dimensions /尺寸(mm.)	A	28.5	33	38	44.5	49	57						
	B	41	48	54	62	68	82.5						

165

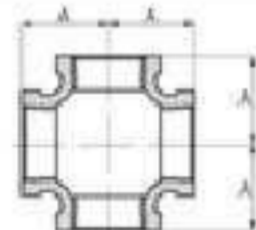
Lateral Y Branches, 45°



Size/规格	Inch	1/2	3/4	1	1 1/2	2	2 1/2	3	4				
	mm	15	20	25	40	50	65	80	100				
Dimensions /尺寸(mm.)	A	15.5	18	21.5	28	31.5	38.5	43	51				
	B	43	51.5	61.5	83.5	99.5	120	139	177				

180

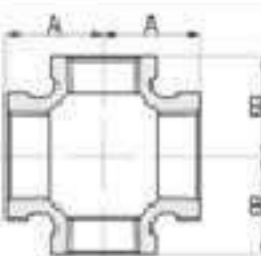
Cross



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions /尺寸(mm.)	A	17.5	20	23.5	26.5	31	36.5	43.5	47.5	55.5	67	75.5	94

180R

Cross, reducing



Size/规格	Inch	3/4x1/2	1x1/2	1x3/4	1 1/2x1/2	1 1/2x3/4	1 1/2x1	1 1/2x1/2	1 1/2x3/4	1 1/2x1	1 1/2x1 1/4	2x1/2	2x3/4
	mm	20x15	25x15	25x20	32x15	32x20	32x25	40x15	40x20	40x25	40x32	50x15	50x20
Dimensions /尺寸(mm.)	A	28.5	31	33	33	35	39	35	37	40	46	37	40
	B	29.5	32	34	37	39	41	42	42	44	47.5	47	48
Size/规格	Inch	2x1	2x1 1/4	2x1 1/2	3x1	3x1							
	mm	50x25	50x32	50x40	80x25	80x25							
Dimensions /尺寸(mm.)	A	43	47	51	49	50.5							
	B	50	53	54	67	67.5							

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜管件

框 架

接 管

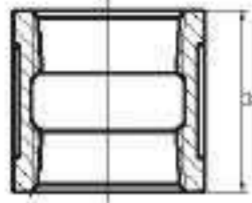
煤气件

接线盒

沟 槽

220

Socket



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	24.5	26.5	29.5	33	37	43	49	53.5	59	69	74	83.5	104

240

Socket, reducing



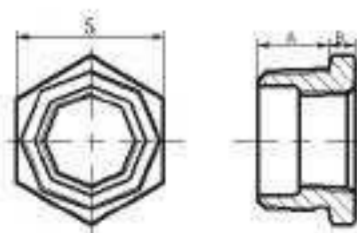
Size/规格	Inch	1/2x1/4	1/2x3/8	3/4x1/4	3/4x3/8	3/4x1/2	1x3/8	1x1/2	1x3/4	1 1/2x1/2	1 1/2x3/4	1 1/2x1	1 1/2x1/2
	mm	15x8	15x10	20x8	20x10	20x15	25x10	25x15	25x20	32x15	32x20	32x25	40x15
Dimensions / 尺寸 (mm.)	A	32	32	38	38	38	42	42	42	48	48	48	52

Size/规格	Inch	1 1/4x3/4	1 1/2x1	1 1/2x1 1/4	2x1/2	2x3/4	2x1	2x1 1/4	2x1 1/2	2 1/2x1 1/2	2 1/2x1 1/4	2 1/2x2	3x1 1/2
	mm	40x20	40x25	40x32	50x15	50x20	50x25	50x32	50x40	65x32	65x40	65x50	80x40
Dimensions / 尺寸 (mm.)	A	52	52	52	58	58	58	58	58	65	65	65	72

Size/规格	Inch	3x2	3x2 1/2	4x2	4x2 1/2	4x3							
	mm	80x50	80x65	100x50	100x65	100x80							
Dimensions / 尺寸 (mm.)	A	72	72	85	85	85							

241

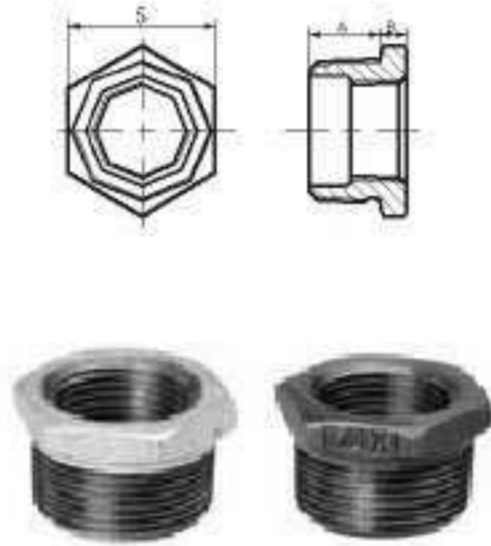
Bushing



Size/规格	Inch	1/4x1/8	3/8x1/8	3/8x1/4	1/2x1/8	1/2x1/4	1/2x3/8	3/4x1/8	3/4x1/4	3/4x3/8	3/4x1/2	1x1/8
	mm	8x6	10x6	10x8	15x6	15x8	15x10	20x6	20x8	20x10	20x15	25x6
Dimensions / 尺寸 (mm.)	A	11.2	12.2	12.2	14.2	14.2	14.2	16	16	16	16	21
	B	3.6	4.3	4.1	4.8	4.8	4.8	5.6	5.6	5.6	5.6	7
	S	16.3	17.3	17.3	22.1	22.1	22.1	29.2	29.2	29.2	29.2	35

241

Bushing



Size/规格	Inch	1x3/8	1x1/2	1x3/4	1 1/4 x 1/4	1 1/4 x 3/8	1 1/4 x 1/2	1 1/4 x 3/4	1 1/4 x 1	1 1/2 x 1/4	1 1/2 x 3/8	1 1/2 x 1/2
	mm	25 x 10	25 x 15	25 x 20	32 x 8	32 x 10	32 x 15	32 x 20	32 x 25	40 x 8	40 x 10	40 x 15
Dimensions / 尺寸 (mm.)	A	21	19.1	19.1	24	24	24	20.3	20.3	24	24	22
	B	7	6.4	6.4	8	8	8	7.1	7.1	8	8	9
	S	35	36.1	36.1	45	45	45	44.7	44.7	49	49	50
Size/规格	Inch	1 1/2 x 3/4	1 1/2 x 1	1 1/2 x 1 1/4	2x1/8	2x3/8	2x1/2	2x3/4	2x1	2x1 1/4	2x1 1/2	2 1/2 x 1 1/2
	mm	40 x 20	40 x 25	40 x 32	50 x 8	50 x 10	50 x 15	50 x 20	50 x 25	50 x 32	50 x 40	65 x 40
Dimensions / 尺寸 (mm.)	A	22	21.1	21.1	26	26	28	26.5	26	22.4	22.4	29
	B	9	7.9	7.9	9	9	11	11	9	8.6	8.6	11
	S	50	50.8	50.8	64	64	63.2	63.2	63.2	63	63	79
Size/规格	Inch	2 1/2 x 1/2	2 1/2 x 3/4	2 1/2 x 1	2 1/2 x 1 1/4	2 1/2 x 2	3x1/2	3x3/4	3x1	3x1 1/4	3x1 1/2	3x2
	mm	65 x 15	65 x 20	65 x 25	65 x 32	65 x 50	80 x 15	80 x 20	80 x 25	80 x 32	80 x 40	80 x 50
Dimensions / 尺寸 (mm.)	A	29	29	30	32	29	32	32	35	35	35	28.7
	B	11	11	12	12	11	12	12	13	13	13	12.2
	S	80	80	80	80	79	94	94	95	95	95	83.3
Size/规格	Inch	3x2 1/2	3 1/2 x 3	4x3/4	4x1	4x1 1/4	4x1 1/2	4x2	4x2 1/2	4x3	4x3 1/2	5x3
	mm	80 x 65	90 x 80	100 x 20	100 x 25	100 x 32	100 x 40	100 x 50	100 x 65	100 x 80	100 x 90	125 x 80
Dimensions / 尺寸 (mm.)	A	32	31	37	37	37	37	36	41	31	31	46
	B	12	12	14	14	14	14	15	15	12.7	12.7	13
	S	94	118.1	121	121	121	121	120	120	117.3	132.1	145
Size/规格	Inch	5x4	6x2	6x2 1/2	6x3	6x4	6x5					
	mm	125 x 100	150 x 50	150 x 65	150 x 80	150 x 100	150 x 125					
Dimensions / 尺寸 (mm.)	A	33.3	40	40	40	40	35.6					
	B	12.7	29	29	29	29	16					
	S	147.1	172.8	172.8	172.8	172.8	179.1					

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜管件

框 架

接 管

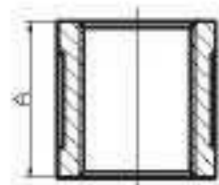
煤气件

接线盒

沟 槽

270

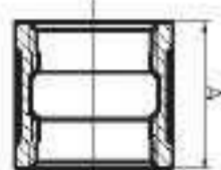
Socket, parallel threads



Size/规格	Inch	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4		
	mm	10	15	20	25	32	40	50	65	80	100		
Dimensions / 尺寸 (mm.)	A	29	32	36	42	48.5	53	59	68	72	82		

271

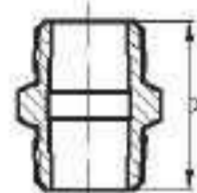
Coupling, left & right



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2						
	mm	15	20	25	32	40	50						
Dimensions / 尺寸 (mm.)	A	32	36	42	48.5	53	59						

280

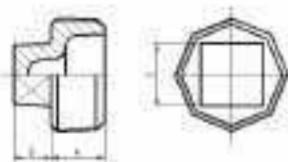
Hexagon Nipple, equal



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	29	36	38	43	45	52	56	58	65	72	80	92	110

291

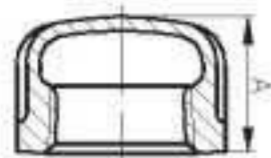
Plug



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	9.5	12	12.8	15	17	19.5	20.6	21.6	22.6	28	28.9	38.5	41.5
	B	6.5	7.5	8.2	10	11	13	14.5	16	17.5	18	21	26	30
	C	7.4	8.2	10	11.5	12.8	16	19	23	26.6	32	35	44.5	66.5

**300**

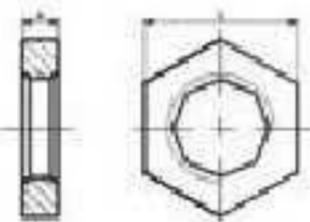
Cap



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	mm	6	8	10	15	20	25	32	40	50	65	80	100
Dimensions/尺寸(mm.)	A	13	15	17	19	22	24	27	30	32	35	38	45
Size/规格	Inch	5	6										
	mm	125	150										
Dimensions/尺寸(mm.)	A	54	61										

310

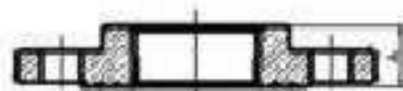
Locknut



Size/规格	Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	mm	8	10	15	20	25	32	40	50	65	80	100	
Dimensions/尺寸(mm.)	A	6	7	8	9	10	11	12	13	16	19	23	
	B	22	27	32	36	46	55	60	75	95	105	135	

321-4

Flange BS 4504



Size/规格	Inch	1 1/4	1 1/2	2	2 1/2	3	4	6					
	mm	32	40	50	65	80	100	150					
Dimensions/尺寸(mm.)	A	23	23	28	35	38	38	46					

321-6

Flange 1600/4



Size/规格	Inch	1 1/4	1 1/2	2	2 1/2	3	4	6					
	mm	32	40	50	65	80	100	150					
Dimensions/尺寸(mm.)	A	20	20	22	26	28	34	40					

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

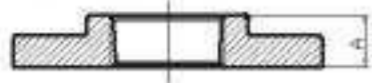
煤气件

接线盒

沟槽

321-H

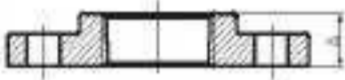
Flange



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4			
	mm	15	20	25	32	40	50	65	80	100			
Dimensions / 尺寸 (mm.)	A	15	16	19	21	21	26	30	33	39			

321P

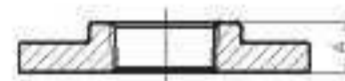
Flange DRP D



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	
	mm	15	20	25	32	40	50	65	80	100	125	150	
Dimensions / 尺寸 (mm.)	A	15	16	19	21	21	26	30	33	39	40	40	

321PW

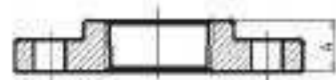
Flange ,U/D



Size/规格	Inch	2	2 1/2	3	4								
	mm	50	65	80	100								
Dimensions / 尺寸 (mm.)	A	26	30	33	39								

321TD

Flange ,BS table D

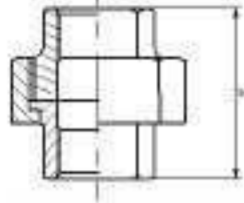


Size/规格	Inch	1	1 1/4	1 1/2	2	2 1/2	3	4	6				
	mm	25	32	40	50	65	80	100	150				
Dimensions / 尺寸 (mm.)	A	16	17.4	23	25	25	26.8	31.5	35				



330

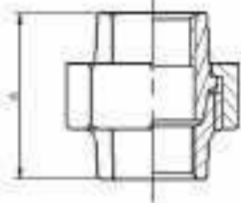
Union, flat seat, hexagon, without gasket



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	33.5	36.5	40	43.5	51.5	53	56	59.5	68.5	83	94	113	144

340

Union, conical joint, Iron to Iron seat



Size/规格	Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	mm	8	10	15	20	25	32	40	50	65	80	100	
Dimensions / 尺寸 (mm.)	A	42	45	48	52	58	63	64	78	85	95	110	

341

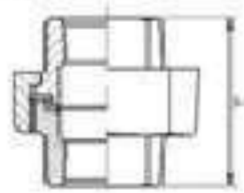
Union, M&F, conical joint, iron to iron seat



Size/规格	Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2				
	mm	8	10	15	20	25	32	40	50				
Dimensions / 尺寸 (mm.)	A	55	58	66	72	80	90	95	106				

342

Union, conical joint, brass to iron seat



Size/规格	Inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	mm	6	8	10	15	20	25	32	40	50	65	80	100	150
Dimensions / 尺寸 (mm.)	A	32	37	41	44	49.5	52.5	57.5	61.5	70	82	89	98	145

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

接管

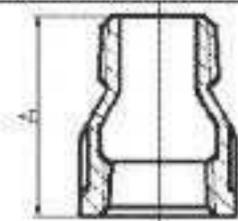
煤气件

接线盒

沟槽

529A

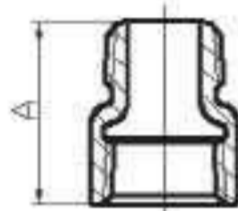
Extension pieces(sockets M&F),equal



Size/规格	Inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	mm	8	10	15	20	25	32	40	50	65	80	100	
Dimensions / 尺寸(mm)	A	33	36	42	47	52	58	61	67	76	83	94	

529X

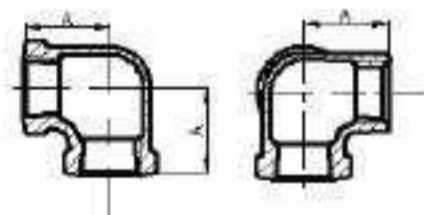
Extension Short Piece



Size/规格	Inch	1/2											
	mm	15											
Dimensions / 尺寸(mm)	A	32											

1221

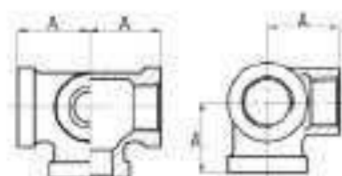
Side Outlet Elbow



Size/规格	Inch	3/8	1/2	3/4	1								
	mm	10	15	20	25								
Dimensions / 尺寸(mm)	A	25	28	33	38								

1223

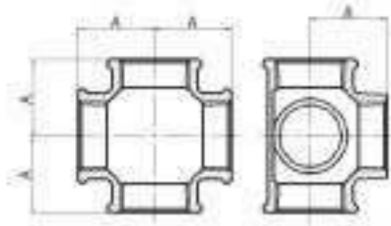
Side Outlet Tee



Size/规格	Inch	1/2	3/4	1	1 1/4								
	mm	15	20	25	32								
Dimensions / 尺寸(mm)	A	28	33	38	45								

1224

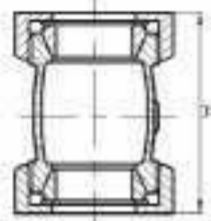
Side Outlet Tee



Size/规格	Inch	1 1/4	1 1/2											
	mm	32	40											
Dimensions / 尺寸 (mm.)	A	45	50											

SCC

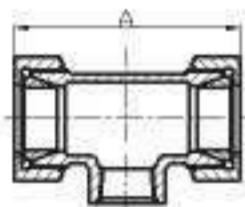
Short Body Coupling



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2							
	mm	15	20	25	32	40	50							
Dimensions / 尺寸 (mm.)	A	62	69	73	79	79	84							

TCC

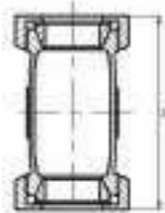
Compression Tee



Size/规格	Inch	1/2	3/4											
	mm	15	20											
Dimensions / 尺寸 (mm.)	A	36	39.5											
	B	80	88											

LCC

Long Body Coupling



Size/规格	Inch	1/2	3/4	1	1 1/4	1 1/2	2							
	mm	15	20	25	32	40	50							
Dimensions / 尺寸 (mm.)	A	93	101	109	114	118	121							

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜管件

框 架

接 管

煤气体

接线盒

沟 槽



铜管接头

美 标
管 子: ASTM B43
螺 纹: ANSI B1.20.1
英 标
螺 纹: ISO7/1
德 标
螺 纹: DIN2999

BRASS PIPE NIPPLE

AMERICAN STANDARD
PIPE: ASTM B43
THREADS: ANSI B1.20.1
BRITISH STANDARD
THREADS: ISO7/1
DIN STANDARD
THREADS: DIN2999

钢管接头

美 标: **ASTM A733**
管 子: ASTM A53/ASTM A106/ASTMA333
螺 纹: ANSI B1.20.1
级 别: 40. 80. 160. XXS
英 标: **BS EN10241**
管 子: BS1387, Medium&Heavy
螺 纹: ISO7/1
德 标: **DIN 2982**
管 子: DIN 2440, Medium&Heavy
螺 纹: DIN 2999

STEEL PIPE NIPPLE

AMERICAN STANDARD; ASTM A733
PIPE: ASTM A53/ASTM A106/ASTMA333
THREADS: ANSI B1.20.1
SCH: 40. 80. 160. XXS
BRITISH STANDARD; BS EN10241
PIPE: BS1387, Medium&Heavy
THREADS: ISO7/1
DIN STANDARD; DIN 2982
PIPE: DIN 2440, Medium&Heavy
THREADS: DIN 2999

钢管接管

美 标: **ASTM A865**
英 标: **BS EN10241**
德 标: **DIN 2999**

STEEL MERCHANT COUPLING

AMERICAN STANDARD; ASTM A865
BRITISH STANDARD; BS EN10241
DIN STANDARD; DIN 2999

美 标

英 标

德 标

日 标

球 铁

灰 铁

铜 管 件

框 架

接 管

煤 气 件

接 线 盒

沟 槽



美标铜管接头尺寸表

Brass Pipe Nipple with American Standard

接头类型 /Type of Nipple	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	3	3 1/2	4	5	6	8	
CLOSE	3/4	7/8	1	1 1/4	1 1/4	1 1/2	1 3/4	1 3/4	2	2 1/2	2 3/4	2 3/4	2 3/4	3	3 1/2	3 1/2	
断开 Short and long type	1 1/2	1 1/2	1 1/2	1 1/2	...	...	...	...	...	...	...	...	...	...	...	...
	2	2	2	2	2	2	2	2	...	...	...	...	...	...	...	...
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	...	...	...	...	...	...	...
	3	3	3	3	3	3	3	3	3	3	3	...	...	...	...	...
	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	...	...	...	...	...
	4	4	4	4	4	4	4	4	4	4	4	4	4	...	...	...
	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	...
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
.....	

注:一头螺纹,一头倒角的尺寸长度也见上表(CLOSE除外)

Note: The length of one end threads also as per above sheet (except close)



美标钢管接头尺寸表

Steel Pipe Nipple with American Standard

接头类型 /Type of Nipple	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/4	3	3 1/2	4	5	6	8
CLOSE	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/4	2 1/2	2 3/4	2 7/8	3	3 1/4	3 1/2
断开 Short and long type	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	...	...	...	...	...	...	...	...	...	...	...
	2	2	2	2	2	2	2	2	...	...	...	...	...	...	...	...
	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	...	...	...	...	...	...	...
	3	3	3	3	3	3	3	3	3	3	3	...	...	...	...	...
	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	...	...	...	...	...
	4	4	4	4	4	4	4	4	4	4	4	4	4	...	...	...
	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	...
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
.....	

- 美 标
- 英 标
- 德 标
- 日 标
- 球 铁
- 灰 铁
- 铜管件
- 框 架
- 接 管
- 煤气件
- 接线盒
- 沟 槽

英标、德标钢管接头尺寸表

Steel Pipe Nipple with British/Din Standard

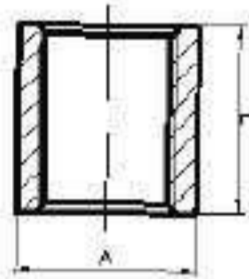


规格/Size	6	8	10	15	20	25	32	40	50	65	80	100	125	150
CLOSE		27	28	37	39	46	51	51	60	69	75	87	96	96
长度/Length	30	30	30											
	40	40	40	40	40									
	50	50	50	50	50	50	50	50						
	60	60	60	60	60	60	60	60	60					
	80	80	80	80	80	80	80	80	80	80	80			
	100	100	100	100	100	100	100	100	100	100	100	100		
	120	120	120	120	120	120	120	120	120	120	120	120	120	120
	150	150	150	150	150	150	150	150	150	150	150	150	150	150
	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	250	250	250	250	250	250	250	250	250	250	250	250	250	250
	300	300	300	300	300	300	300	300	300	300	300	300	300	300
												400	400	400
													500	500

注:重型的也见上表
Note: Heavy-type as per above sheet

德标钢管固及半长钢管固

Steel Merchant Coupling with Din Standard

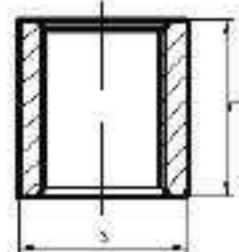


规格/Size		6	8	10	15	20	25	32
全长/Standard	最小外径/Min. Outside Dia.	15	18.5	21.3	26.6	31.8	39.5	48.3
	长度/Length (mm)	17	25	26	34	36	43	48
半长/Half	最小外径/Min. Outside Dia.	15	18.5	21.3	26.6	31.8	39.5	48.3
	长度/Length (mm)	8	11	12	15	17	20	22
规格/Size		40	50	65	80	100	125	150
全长/standard	最小外径/Min. Outside Diam.	54.5	66.2	82	95	121.4	146.3	173.3
	长度/Length (mm)	48	56	65	71	83	92	92
半长/Half	最小外径/Min. Outside Diam.	54.5	68	84.2	98.4	124	149	177
	长度/Length (mm)	22	28	30	34	40	44	44



美标钢管固

Steel Merchant Coupling
with American Standard

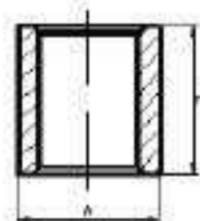


规格/Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
外径/Outside Diam	0.563	0.719	0.875	1.063	1.313	1.576	1.900	2.200
长度/Length	3/4	1 1/8	1 1/8	1 1/2	1 7/16	1 9/16	2	2
螺纹/Threads	NPSL	NPSL	NPSL	NPSL	NPSL	NPSL	NPSL	NPSL

规格/Size	2	2 1/2	3	3 1/2	4	5	6	
外径/Outside Diam	2.750	3.250	4.000	4.625	5.000	6.296	7.390	
长度/Length	2 1/16	3 1/16	3 5/16	3 7/16	3 7/16	3 11/16	3 15/16	
螺纹/Threads	NPSL	NPT	NPT	NPT	NPT	NPT	NPT	

英标钢管固

Steel Merchant Coupling
with British Standard



规格/Size	8	10	15	20	25	32	40	50
最小外径/Min. Out-side Diam.	18.5	22	27	32.5	39.5	49	56	68
最小长度/Min Length	27	28	37	39	46	51	51	60
规格/Size	65	80	100	125	150			
最小外径/Min. Out-side Diam.	84	98	124	151	178			
最小长度/Min Length	69	75	87	96	96			

一头螺纹 一头加长螺纹 的产品

Steel Nipple-Tank Type



规格/Size	1/2×6×102	3/4×6×102	1×6×102	1 1/4×6×102	1 1/2×6×102	2×6×102
直径/Diam	21.3	26.7	33.4	42.2	48.3	60.3
长度/Length	152.4	152.4	152.4	152.4	152.4	152.4

美标

英标

德标

日标

球铁

灰铁

铜管件

框架

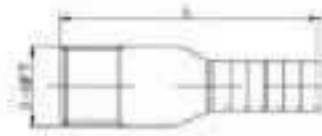
接管

煤气件

接线盒

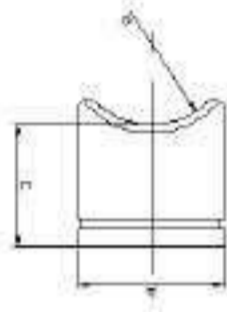
沟槽

变径钢管固 Insert Adapters



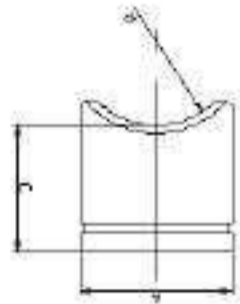
规格/Size	1/2	3/4	1	1 1/4	1 1/2	2		
外径/Outside Diam	21.3	26.7	33.4	42.2	48.3	60.3		
长度/Length	79	79	83.5	90	103.5	103.5		

螺纹式侧出口 Threaded Welded Outlet

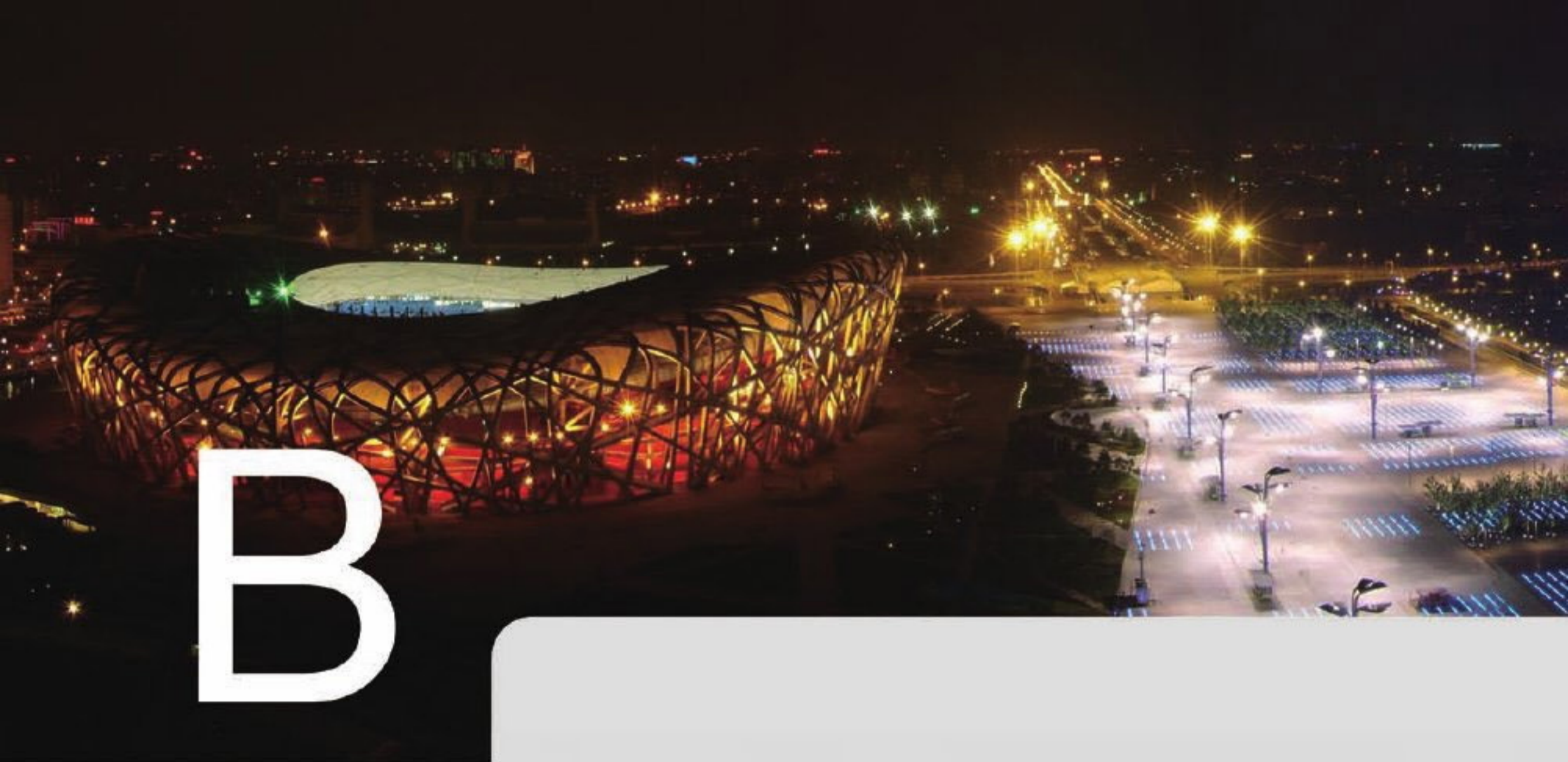


规格/Size	BNO1/2	BNO3/4	BNO1	BNO1 1/4	BNO1 1/2	BNO2	BNO2 1/2	BNO3	BNO4
A	1.13	1.38	1.57	1.9	2.2	2.75	3.25	4.00	5.00
C	1.063	1.125	1.25	1.375	1.625	1.75	2.215	2.500	3.00
R1	0.657	0.657	0.83	0.95	1.187	1.437	1.750	2.250	3.313
R2	0.83	0.83	1.187	1.187	1.437	1.750	2.250	3.313	4.313
R3	1.187	1.187	1.437	1.437	1.750	2.250	3.313	4.313	
R4	1.75	1.437	1.75	1.75	2.250	3.313	4.313		
R5		1.75	3.313	3.313	3.313				

沟槽式侧出口 Grooved Welded Outlet



规格/Size	1 1/4	1 1/2	2	2 1/2	3	4	6	8
A	1.66	1.900	2.375	2.875	3.500	4.500	6.625	8.625
C	3.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00
R1	0.83	0.95	1.187	1.437	1.750	2.250	3.313	4.313
R2	0.950	1.187	1.437	1.750	2.250	3.313	4.313	
R3	1.187	1.437	1.750	2.250	3.313	4.313		
R4	1.437	1.750	2.250	3.313	4.313			
R5	1.750	2.250	3.313	4.313				
R6	2.250	3.313	4.313					
R7	3.313	4.313						
R8	4.313							



B

先进的生产设备

State of the art equipment

公司拥有大批先进的生产和检验设备。包括丹麦进口的自动造型线，国产416自动造型线，爱立许自动混砂机，英达电炉，CNC数控加工，自主知识产权的螺纹自动加工机，浸漆线，自动封箱机，立体仓库等等。扩大了生产规模，保障了产品质量。

Our company has the state of the art equipment for both production and inspection. We equipped with Denmark DISA automation molding line, China 416 automation molding line, Eirich automation sand mixing line, Induct Electrical furnace, Vertical Machining center, CNC lathe, Proprietary automatic thread machine, automatic box sealing line.



