



申江凯斯博格流体科技(青岛)有限公司
Apureda Cosbog Fluid Technology (Qingdao) Co., LTD



凯斯博格， 努力做的更好！

Cosbog-Compressed air
system, better of globe.

公司简介 Company Profile

申江凯斯博格流体科技(青岛)有限公司,成立于2005年,坐落于大连,专注于生产铝合金管道及管件。产品广泛应用于压缩空气和惰性气体的传输领域,并在业界树立了良好的声誉。为了满足业务发展的需求,2015年在青岛建立了新的生产基地,致力于为客户提供性价比更高的产品。

凯斯博格的产品因其节能特性、管件抗锈性、螺母嵌入式设计以及独特结构和高品质外观而备受客户青睐。企业不断追求产品质量与附加值的提升,旨在向客户提供卓越的产品和服务。

Apureda Cosbog Fluid Technology (Qingdao) Co., LTD.(Cosbog for short) was established in Dalian in 2005 specializing in the production of aluminum alloy pipes and fittings. The products are mainly used for the transmission of compressed air and inert gases. Cosbog has got high reputation in this field.

Cosbog built new production base in Qingdao in 2015 due to business development in order to provide more cost-effective products. Cosbog's products are favored by consumers due to energy-saving, rust resistant fittings, embedded nut structure, unique process and premium appearance. Our goal is continuously to improve product quality and added value with better products & services.



CosBog® 为什么选择凯斯博格?

Selling point

1

口径大，流量高，
压差小，节能

Large bore, higher flow
rate, low pressure drop,
energy conservation.

2

锌镍合金螺栓、螺母，
不易生锈和损伤

Zinc-nickel alloy bolt
and nut, not prone to
be rusty and damage.

3

产品配有橡胶连接片，
防止跌落

All union coupling with
rubber connector
prevent falling off.

4

所有管件螺母为嵌入式结构，
无须现场组装，在任何时间
都不会出现螺母脱落的情况。

All fittings' nuts are embedded,
do not need install them at
site. It will not fall off nuts
at any time.

5

公司拥有先进的压铸机，
全部管件均自主生产，
便于质量管制，经久耐用。

We own advanced die-casting
machine, all pipe fittings
are produced by ourself.
It is easy to control the
quality and process.

6

严格把控外观品质，
保证在同行业内脱颖而出。

Strictly control the painting
to insure all our fittings
surface are better than
our competitors.

资质荣誉

QUALIFICATIONS AND HONORS

CosBog® 自成立以来，通过对铝合金管路的深刻理解和潜心研究，自主研发铝合金节能管路系统，
已获国家发明专利多项，实用新型专利多项。

CosBog has gained a deep understanding and dedicated research on aluminum alloy pipes and has independently developed aluminum alloy energy-saving piping systems which have obtained multiple national invention and utility model patents since its establishment.





ENERGY CONSERVATION

铝合金管路系统与碳钢管路系统的节能对比

Energy-saving comparison between aluminum alloy and carbon steel piping system.

1 生命周期 LIFE CYCLE

就建筑生命周期来讲，铝合金系统能节省下2~3个碳钢管网系统的材料与施工成本，还包括装修成本，而且还节省了设备搬运费、设备折旧损耗费、设备维护费等。

In terms of the building life cycle, aluminum alloy systems can save materials and construction costs for 2-3 carbon steel pipe network systems, including decoration, equipment handling and depreciation as well as maintenance costs.

2 维护成本 MAINTENANCE COSTS

碳钢管在一个生命周期中，维护成本逐年上升，铝合金系统因没有锈蚀问题，在其整个生命周期中运行费用都比较稳定。

The maintenance cost of carbon steel pipes increases year by year throughout their life cycle, while the operation costs of aluminum alloy systems remain relatively stable during their entire life cycle due to the absence of corrosion issues.

3 便捷安装 ASSEMBLY

安装洁净，装拆方便，安全可靠，无需焊接施工，安装简便，管件可多次拆卸安装，经久耐用，缩短工期，提高工效。

Clean installation, convenient disassembly, safe and reliable, no need for welding construction, easy installation, pipe fittings can be disassembled and installed multiple times, durable, shorten construction period and improve work efficiency.

4 节约费用 SAVE COSTS

就碳钢管系统生命周期(5年-10年)来计算，与铝合金系统整体比较，运行费用这一部分，铝合金系统比碳钢管系统节能至少10%以上。

Based on the life cycle of carbon steel pipe systems (5-10 years), comparing with aluminum alloy systems as a whole, aluminum alloy systems can save at least 10% more energy in terms of operation costs compared to carbon steel pipe systems.

5 系统压力损失 SYSTEM PRESSURE LOSS

更大的内径，在同等流量下，流体的沿程摩擦阻力更低，压力损失比其他厂家最多低45~50%。

With a larger inner diameter, at the same flow rate, the frictional resistance of the fluid along the way is lower and the pressure loss is at most 45-50% lower than other manufacturers.

6 绿色环保 GREEN MATERIAL

铝合金生命周期后，可100%回收利用，评估残值可达到60%以上，而碳钢管仅为5%。

Aluminum alloy can be 100% recycled at the end of its life cycle with an estimated residual value exceeding 60% while carbon steel pipes only account for 5%.

CosBog® 铝合金管路的优势

ALUMINUM PIPE ADVANTAGES

1. 铝合金管路不锈蚀

Non rusting



2. 重量是钢材的三分之一，便于安装，节省人力成本

The weight is one-third of steel, easier installation and labor cost savings.



3. 减少结构整体负载，环保耐用

Reducing overall structural load, environmentally friendly and durable



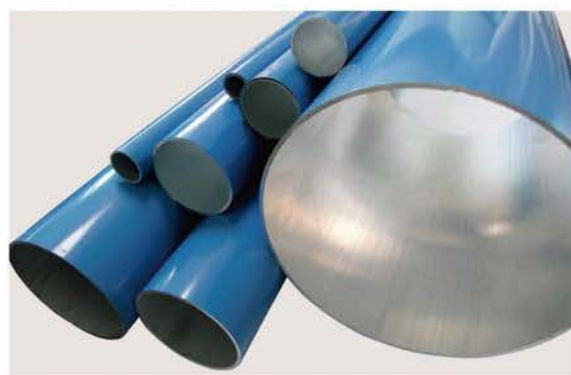
4. 现场无焊接，从而保证施工环境，有效缩短施工周期

No welding on site, ensuring operation environment and effectively shortening the construction period.



5. 更加节能内壁光滑，同等管径，阻力系数小，沿程摩擦阻力系数为镀锌钢管的1/10

More energy-efficient with smooth inner walls of the same diameter and low resistance coefficient. Its coefficient along the way is 1/10 of traditional galvanized steel pipes.



传统管路

Traditional piping

- 具有较高比摩阻，也就等于具有较高的初始压降。
- 腐蚀会增大摩擦系数，减少内径，压降增加，从而导致较高的能耗，至终端用气点压力不足而影响使用效果。
- 传统管网不稳定，随着时间推移，泄露问题很难解决。
- Having a higher specific friction is equivalent to being higher initial pressure drop.
- Corrosion increases friction coefficient, pressure drop and inner diameter reducing, which will affect effectiveness of use due to higher energy consumption and insufficient pressure at the end gas consumption point.
- Traditional pipes are not stable, leakage problems are difficult to solve with time pass.

铝合金节能管路

Aluminum alloy energy-saving piping

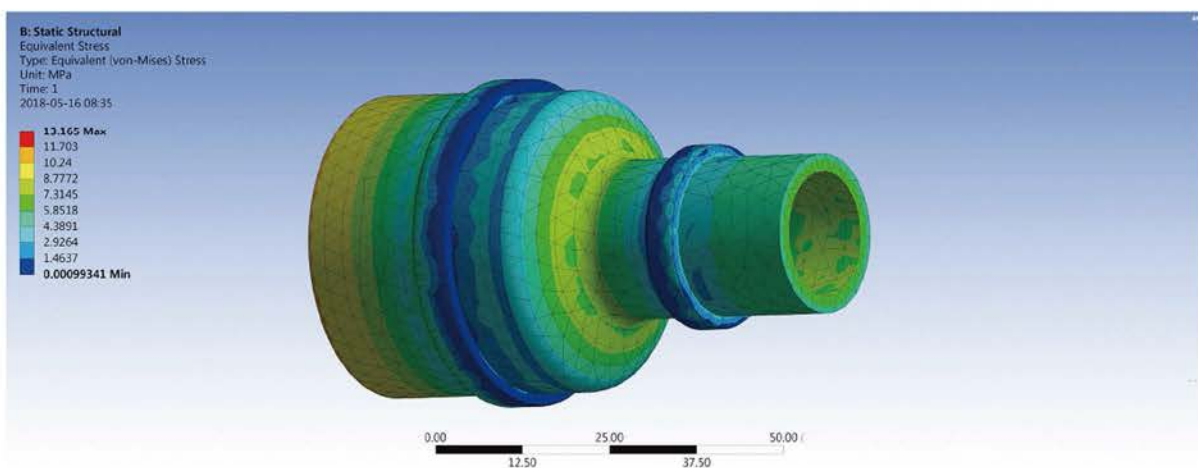
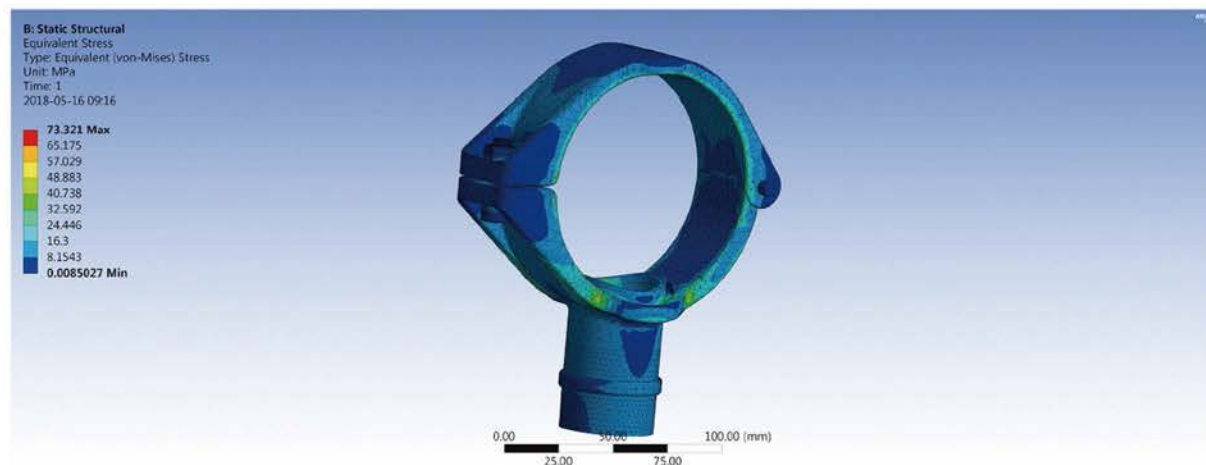
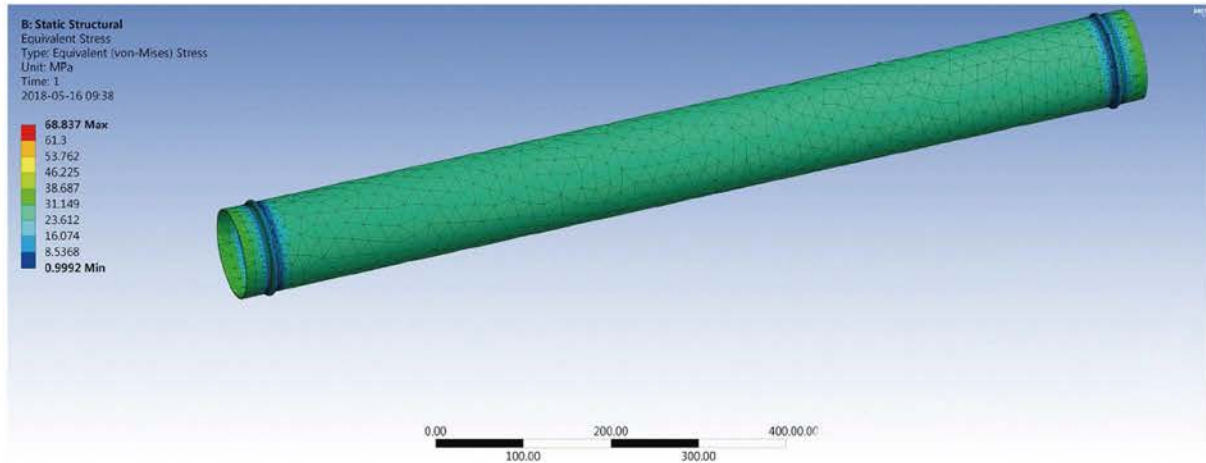
- 铝合金管光滑的内表面低阻力输送压降不受使用时间的影
- 自压密封防泄漏
- 管件全通径设计降低压力降
- The delivery will not be affected by usage time due to smooth inner surface and low resistance of aluminum alloy pipes.
- Self pressure sealing and leak prevention.
- Full bore design of pipe fittings with low pressure drop.

CosBog® 管路数据分析

PIPING DATA ANALYSIS

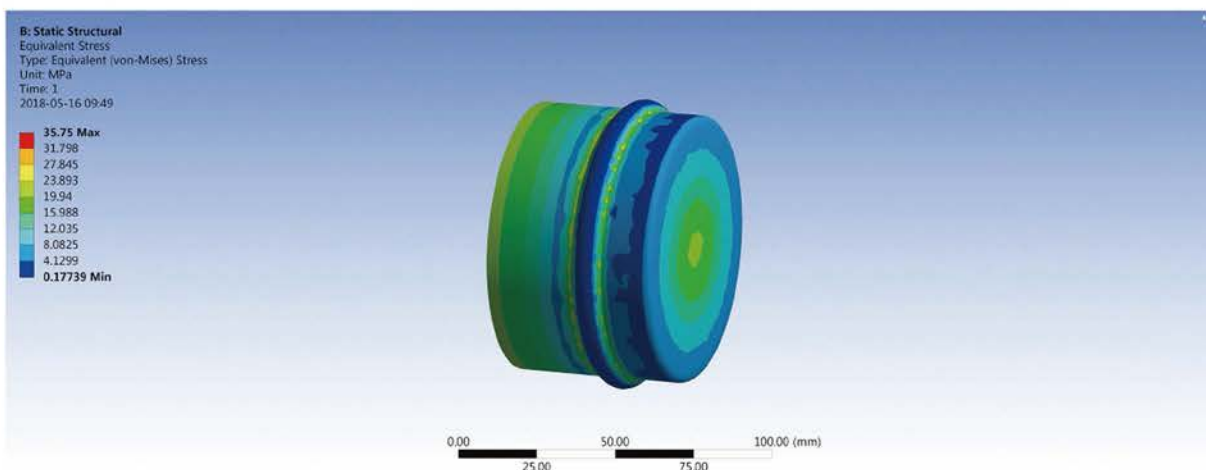
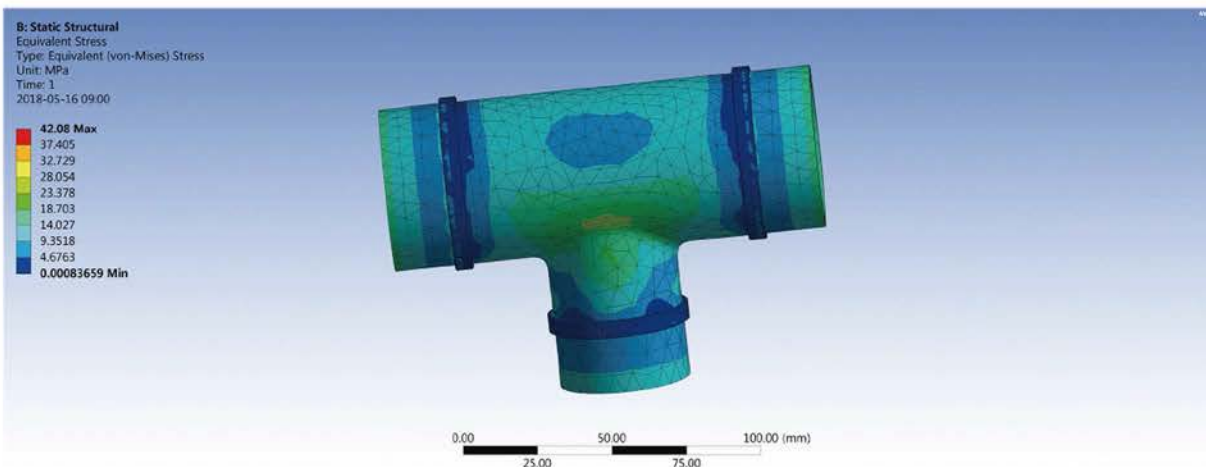
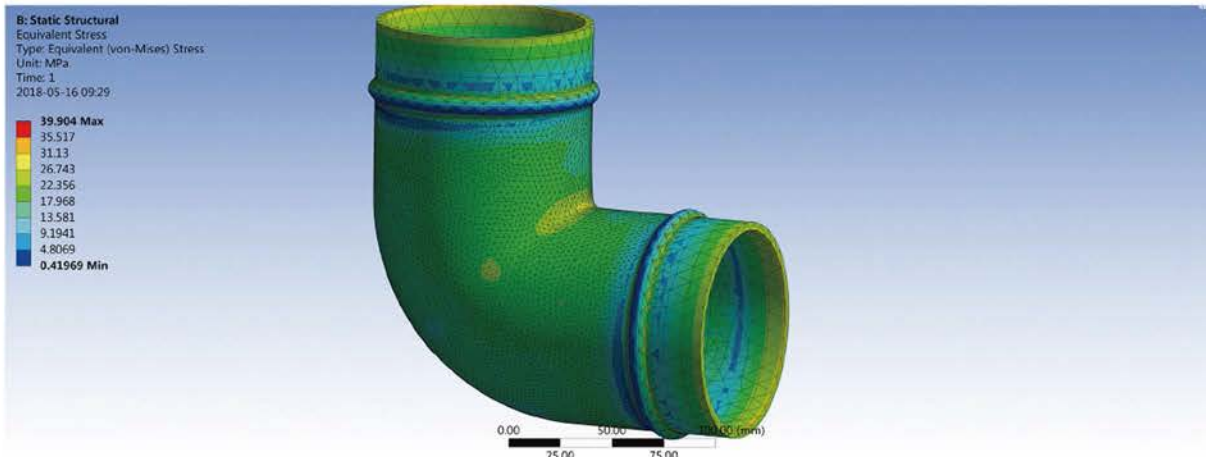
管路及管件都进行了有限元分析,产品性能有保证1.6MPa内压时, 管件应力分析

The products performance are guaranteed because piping and fittings were conducted by finite element analysis.



CosBog® 管路数据分析

PIPING DATA ANALYSIS



品质保证 合作共赢

Quality assurance and win-win cooperation

二十年以上品质保证

Over 20 years of quality assurance

CosBog® 系列产品与客户追求高品质的服务目标是一致的;

CosBog® series products are consistent with the customer's pursuit of high-quality service goals.

CosBog® 作为节能管路系统解决方案供应商, 承诺二十年以上品质保证;

CosBog® as a supplier of energy-saving piping system solutions, promises a quality assurance of over 20 years.

CosBog® 铝合金系列管件均自主生产, 实现质量把控和成本优势的双重提升。

CosBog® aluminum alloy series pipe fittings are independently produced, achieving a dual improvement in quality control and cost advantages.

01

最新产品理念
Latest product concept



02

全自动压铸机
Fully automatic
die-casting machine



03

产存一体
现代化工厂
Integrated production
and storage modern plant



04

专业安装团队
Professional installation team

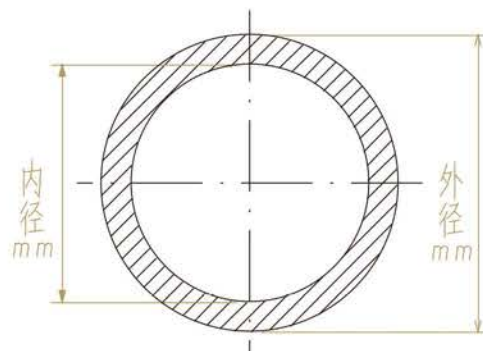


品质保证

Quality assurance

CosBog® 产品展示

PRODUCT DISPLAY



刚性铝合金管

RIGID ALUMINUM PIPE

- 适合的流体:压缩空气、真空、氮气、惰性气体等
- 工作温度范围:-20℃~+80℃
- 灰色, 黄色须提前订制
- Suitable for compressed air, vacuum, nitrogen and inert gases etc.
- Working temperature range: -20℃~+80℃
- Customized for gray and yellow pipes.
- 最高工作压力<1.5Mpa
- 无缝挤压铝管(符合GB/T4437.1-2000标准)
- Max. working pressure <1.5Mpa
- Seamless extruded aluminum tube (Complies with GB/T4437.1-2000 standard)

Description 规格	O.D (mm) 外径(mm)	I.D (mm) 内径(mm)	Thickness (mm) 壁厚(mm)
DN20	Φ23	20.2	1.4
DN25	Φ29	26.2	1.4
DN40	Φ43.6	40.1	1.75
DN50	Φ54.4	50.9	1.75
DN65	Φ69.6	65.4	2.1
DN80	Φ85.8	81.4	2.2
DN100	Φ105	100	2.5
DN125	Φ130	125	2.5
DN148	Φ148	142.4	2.7
DN150	Φ159	153.4	2.8
DN200	Φ219	212.6	3.2
DN250	Φ273	265.8	3.6

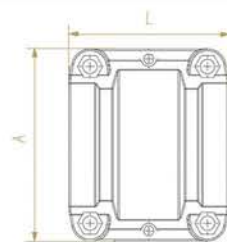
CosBog® 产品展示

PRODUCT DISPLAY

铝合金卡箍（直接）

STRAIGHT UNION COUPLING

- 由两片箍片组成，牢固锁紧连接件
- 承受更大的工作压力，不易泄露
- 可以连接直径更大的铝合金管
- 安装操作简单
- 消除管道的内力
- Consisting of two clamshell clamps, firmly locking the connection point.
- Absorbing higher working pressure, less prone to leakage.
- Be able to connect aluminum alloy pipes with larger diameters.
- Easy and quick installation
- Eliminating internal forces in piping.



Nominal dimension 规格 DN	L/Length 长度 (mm)	A/Length 长度 (mm)
DN20	60	48
DN25	65	57
DN40	70	76.7
DN50	74	88.4
DN65	94	120
DN80	95	137
DN100	108	156
DN125	113	193
DN148	120	214
DN150	113	226
DN200	120	284.5

合金钢卡箍（直接）

ALLOY STEEL UNION COUPLING (STRAIGHT)



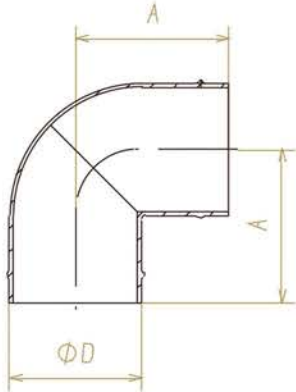
Nominal dimension 规格 DN	L/Length 长度 (mm)	A/Length 长度 (mm)
DN65	95	140
DN80	95	154
DN100	108	175
DN125	113	211
DN148	146	233
DN200	120	307
DN250	310	269

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

铝合金90°弯头 90° ELBOW



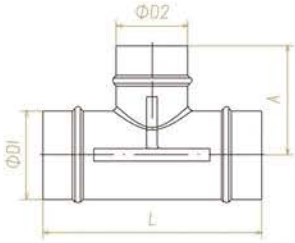
Nominal dimension 规格 DN	D/Diameter 外径 (mm)	A/Length 长度 (mm)
DN20	23	50.5
DN25	29	57.5
DN40	43.6	66.2
DN50	54.4	77.8
DN65	69.6	99
DN80	85.8	113
DN100	105	140
DN125	130	150
DN148	148	200
DN150	159	165
DN200	219	205
DN250	273	434

CosBog® 产品展示

PRODUCT DISPLAY



铝合金三通变径 REDUCING TEE



Nominal dimension 规格 DN	D1,D2/Diameter 外径 (mm)	A/Height 高度 (mm)	L/Length 长度 (mm)
DN25 x 20	29~23	55	110
DN40 x 25	43.6~29	70	140
DN40 x 20	43.6~23	65	140
DN50 x 40	54.4~43.6	72.5	145
DN50 x 25	54.4~29	72.5	145
DN65 x 50	69.6~54.4	95	190
DN65 x 40	69.6~43.6	95	190
DN80 x 65	85.8~69.6	110	220
DN80 x 50	85.8~54.4	110	220
DN100 x 80	105 ~ 85.8	122.5	245
DN100 x 65	105 ~ 69.6	122.5	245
DN125 x 100	130~105	140	280
DN125 x 80	130~85.8	140	280
DN148x80	148 ~ 85.8	165	330
DN148x100	148 ~ 105	165	330
DN148x125	148 ~ 130	165	330
DN150 x 125	159~130	155	310
DN150 x 100	159~105	155	310
DN150 x 80	159~85.8	155	310
DN200 x 150	219~159	190	370
DN200x148	219~148	190	370
DN200x125	219~130	190	370
DN200x100	219~105	190	370
DN200x80	219~85.8	190	370
DN250x200	273~219	278.5	420
DN250x150	273~159	278.5	430
DN250x148	273~148	278.5	430
DN250x125	273~130	278.5	430
DN250x100	273~105	278.5	430

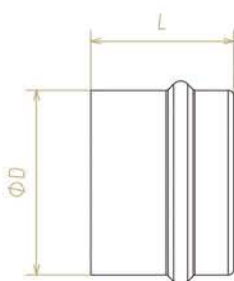
CosBog® 产品展示

PRODUCT DISPLAY

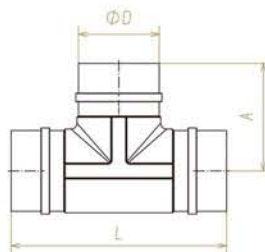
CosBog®

铝合金堵头

ALUMINUM END CAP



Nominal dimension 规格 DN	D/Dimension 外径 (mm)	L/Length 长度 (mm)
DN20	23	34
DN25	29	36
DN40	43.6	40
DN50	54.4	45
DN65	69.6	54
DN80	85.8	55
DN100	105	70
DN125	130	70
DN148	148	85
DN150	159	70
DN200	219	70
DN250	273	80



铝合金三通

EQUAL TEE



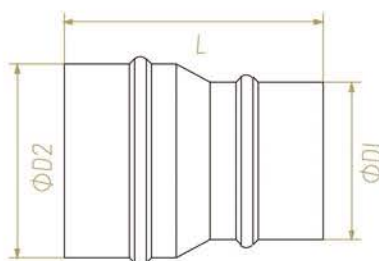
Nominal dimension 规格 DN	D/Diameter 外径 (mm)	A/Height 高度 (mm)	L/Length 长度 (mm)
DN20	23	50	100
DN25	29	55	110
DN40	43.6	70	140
DN50	54.4	72.5	145
DN65	69.6	95	190
DN80	85.8	110	220
DN100	105	122.5	245
DN125	130	140	280
DN148	148	160	330
DN150	159	155	310
DN200	219	190	370
DN250	237	213.5	435

CosBog® 产品展示

PRODUCT DISPLAY

铝合金变径

REDUCING CONNECTOR

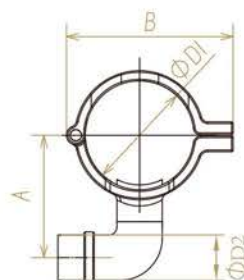
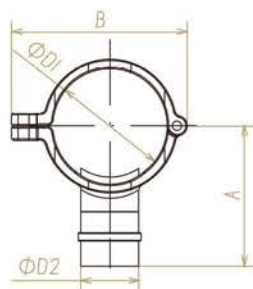


Nominal dimension 规格 DN	D1/Dimension 外径 (mm)	D2/Dimension 外径 (mm)	L/Length 长度 (mm)
DN25 x 20	29	23	67
DN40 x 25	43.6	29	75
DN40 x 20	43.6	23	75
DN50 x 40	54.4	43.6	75.4
DN50 x 25	54.4	29	75
DN65 x 50	69.6	54.4	105
DN65 x 40	69.6	43.6	105
DN80 x 50	85.8	54.4	115
DN80 x 65	85.8	69.6	115
DN100 x 65	105	69.6	141
DN100 x 80	105	85.8	125
DN125 x 80	130	85.8	138
DN125 x 100	130	105	130
DN148x100	148	105	180
DN148x125	148	130	180
DN150 x 100	159	105	148
DN150 x 125	159	130	140
DN200 x 100	219	105	180
DN200 x 125	219	130	175
DN200 x 148	219	148	170
DN200 x 150	219	159	170
DN250 x 125	273	130	270
DN250 x 148	273	148	270
DN250 x 150	273	159	270
DN250 x 200	273	219	235

CosBog® 产品展示

PRODUCT DISPLAY

快换接头 QUICK DROP



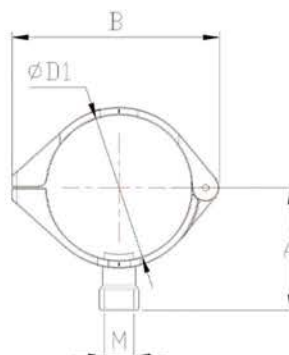
Nominal dimension 规格 DN	D1, D2/Dimension 长度 (mm)	A/Length 长度 (mm)	B/Length 长度 (mm)
DN80 x 40	85.8~43.6	105	130.8
DN100 x 50	105~54.4	120	155
DN100 x 40	105~43.6	115	155
DN125 x 50	125~54.4	132.5	180
DN125 x 40	125~43.6	127.5	180
DN148 x 50	148~54.4	140	211
DN148 x 40	148~43.6	135	211
DN150 x 50	159~54.4	147.4	216.5
DN150 x 40	159~43.6	142.4	216.5
DN200 x 50	219~85.8	180.25	276.5
DN200 x 40	219~43.6	175.25	276.5
DN25 x 20	29~23	51.5	64
DN40 x 20	43.6~23	58.8	78.6
DN40 x 25	43.6~29	60.3	78.6
DN50 x 20	54.4~23	68	89.4
DN50 x 25	54.4~29	74.2	89.4
DN65 x 20	69.6~23	77.8	106.8
DN65 x 25	69.6~29	82.3	106.8
DN80 x 20	85.8~23	87.4	130.8
DN80 x 25	85.8~29	91.4	130.8
DN100 x 20	105~23	98.5	155
DN100 x 25	105~29	102.5	155
DN125 x 20	130~23	111	180
DN125 x 25	130~29	115	180
DN148 x 20	148~23	119	211
DN148 x 25	148~29	123	211
DN150 x 20	159~23	126.5	216.5
DN150 x 25	159~29	130.3	216.5
DN200 x 20	219~23	156	281.5
DN200 x 25	219~29	160	281.5

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

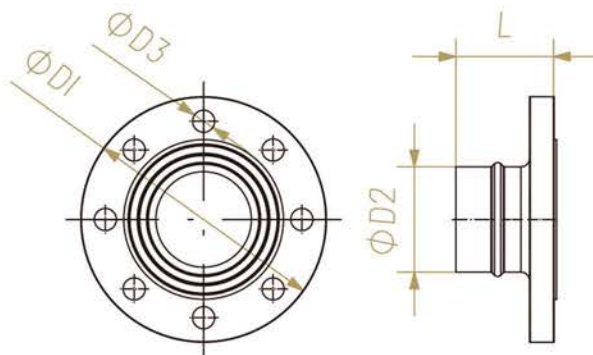
180度内丝 快换接头 180°QUICK DROP (FEMALE)



Nominal dimension 规格 DN	Dimension. (mm) D1内管螺纹M	A/Length 长度 (mm)	B/Length 长度 (mm)
DN25 x 1/2"	29 ~ 1/2"	55.5	64
DN25 x 3/4"	29 ~ 3/4"	55.5	64
DN40 x 1/2"	43.6 ~ 1/2"	58.8	78.6
DN40 x 3/4"	43.6 ~ 3/4"	56.3	78.6
DN50 x 1/2"	54.4 ~ 1/2"	68	89.4
DN50 x 3/4"	54.4 ~ 3/4"	70.2	89.4
DN65 x 1/2"	69.6 ~ 1/2"	77.8	106.8
DN65 x 3/4"	69.6 ~ 3/4"	78.3	106.8
DN80 x 1/2"	85.8 ~ 1/2"	87.4	130.8
DN80 x 3/4"	85.8 ~ 3/4"	87.4	130.8
DN100 x 1/2"	105 ~ 1/2"	98.5	155
DN100 x 3/4"	105 ~ 3/4"	98.5	155
DN125 x 1/2"	130 ~ 1/2"	111	180
DN125 x 3/4"	130 ~ 3/4"	111	180
DN148 x 1/2"	148 ~ 1/2"	125	211
DN148 x 3/4"	148 ~ 3/4"	125	211
DN150 x 1/2"	159 ~ 1/2"	126.5	216.5
DN150 x 3/4"	159 ~ 3/4"	126.5	216.5
DN200 x 1/2"	219 ~ 1/2"	156.3	276.5
DN200 x 3/4"	219 ~ 3/4"	156.3	276.5
DN250 x 1"	273 ~ 1"	166	380
DN250 x 1 1/2"	273 ~ 1 1/2"	170	380
DN250 x 2"	273 ~ 2"	170	380

CosBog® 产品展示

PRODUCT DISPLAY



铝制法兰

ALUMINUM FLANGE

- ◆ 无需焊接
- ◆ 与管件安装尺寸一致
- ◆ No Welding
- ◆ Dimensions are same as pipes fittings.



Nominal dimension 规格 DN	D1,D2/Dimension 长度 (mm)	D3/Dimension 长度 (mm)	L/Length 长度 (mm)
DN65	185~69.6	18	82
DN80	200~85.8	18	82
DN100	220~105	18	87
DN125	250~130	18	92
DN148	285~148	22	110.5
DN150	285~159	22	102
DN200	340~219	22	105
DN250	400~273	24	100

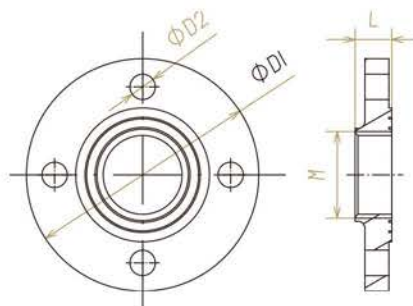
CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

不锈钢内丝法兰

STAINLESS STEEL FEMALE THREADED FLANGE

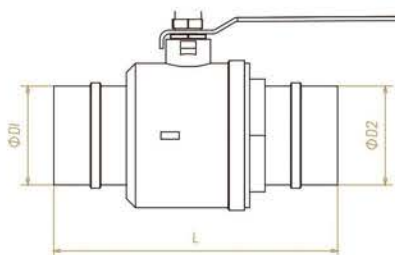


Nominal dimension 规格 DN	D1, L/Dimension Length 外径, 长度(mm)	D2/Dimension 外径 (mm)	M/Thread 管螺纹
DN25	115 ~ 14	28	1"
DN40	150 ~ 18	32	1 1/2"
DN50	165 ~ 18	34	2"

快装阀门

QUICK PLUG VALVE

- ◆不同安装规格适应多种安装
- ◆ Different specifications are suitable for multiple installations



Nominal dimension 规格 DN	D1/Dimension 外径 (mm)	D2/Dimension 外径 (mm)	L/Length 长度 (mm)
DN20	23	23	108.3
DN25	29	29	120.9
DN40	43.6	43.6	147.3
DN50	54.4	54.4	156.3
DN65	69.6	69.6	200.3

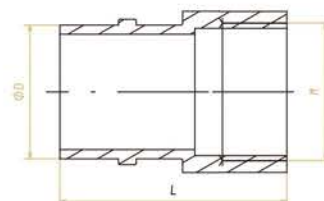
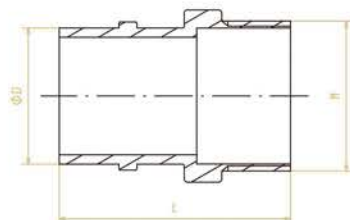
CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

铝合金内外丝 转换接头

THREADED ADAPTOR



Nominal dimension
规格 DN

D/Dimension
外径 (mm)

L/Length
长度 (mm)

M/Thread
管螺纹

DN20

23

65

3/4"



DN25

29

65

1"

DN40

43.6

74

1 1/2"



DN50

54.4

80

2"

DN65

69.6

95

2 1/2"



DN80

85.8

97

3"

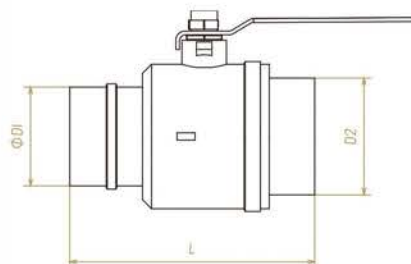
CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

快装阀门 (一端螺纹)

QUICK PLUG VALVE
(ONE END THREAD)



- ◆不同安装规格适应多种安装
- ◆ Different specifications are suitable for multiple installations

Nominal dimension 规格 DN	D1/Dimension 外径 (mm)	D2 /Thread 内/外管螺纹	L/Length 长度 (mm)
----------------------------	---------------------------	----------------------	-----------------------

DN20	23	3/4"	79.3/90
------	----	------	---------



DN20(内丝)	23	1/2"	82.5
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DN25	29	1"	91.4/105.1
------	----	----	------------



DN25(内丝)	29	1/2"	91.4
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DN40	43.6	1 1/2"	116.3/129.8
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DN50	54.4	2"	125.3/142.8
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CosBog® 产品展示

PRODUCT DISPLAY

蝶阀

BUTTERFLY VALVE

蝶阀采用标准：

设计标准：GB/T2238-1989

法兰连接尺寸：

GB/T9113.1-2000;

GB/T9115.1-2000;JB78

结构长度：GB/T12221-1989

压力试验：GB/T13927-1992;

JB/T9092-1999

BUTTERFLY VALVE STANDARD:

Design standard:GB/T2238-1989

Flange connection dimension:

GB/T9113.1-2000;

GB/T9115.1-2000;JB78

Structure length:GB/T12221-1989

Pressure test:GB/T13927-1992;

JB/T9092-1999



公称通径 Nominal diameter	结构长度 (标准值) Structure length (Standard value)	连接尺寸 (参考值) Connection dimension (Reference value)	连接尺寸 (标准值) Connection dimension (Standard value)		
			0.6MPa	1.0MPa	1.6MPa
毫米	L	H	D0	D0	D0
65	46	70	130	145	145
80	46	83	150	160	160
100	52	105	170	180	180



公称通径 Nominal diameter	结构长度 (标准值) Structure length (Standard value)	连接尺寸 (参考值) Connection dimension (Reference value)	连接尺寸 (标准值) Connection dimension (Standard value)		
			0.6MPa	1.0MPa	1.6MPa
毫米	L	H	D0	D0	D0
65	46	70	130	145	145
80	46	83	150	160	160
100	52	105	170	180	180
125	56	115	200	210	210
150	56	137	225	240	240
200	60	164	280	295	295
250	63	182	320	335	335

CosBog® 产品展示

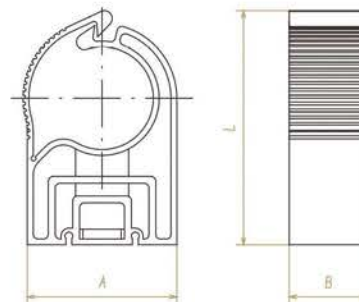
PRODUCT DISPLAY

管夹

HANGER CLIP

- ◆垂直或水平安装
- ◆管路结构支撑，承受管道载荷
- ◆限制、控制和约束管道在任一方向的变形
- ◆管道振动的减震器

- ◆Vertical or horizontal installation
- ◆Piping structure support, with-standing piping load
- ◆Restrict, control and constrain the deformation of pipes in any direction
- ◆Shock absorbers of piping vibration



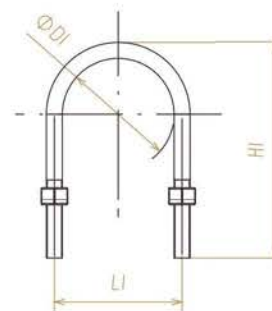
Nominal dimension 规格 DN	A/Length 长度 (mm)	B/Length 长度 (mm)	L/Length 长度 (mm)
DN20	34	30	54.4
DN25	44	30	59
DN40	65	40	104.4
DN50	80	40	117.4
DN65	100	40	132.7
DN80	120	50	173
DN100	146	50	203

U型管夹

U-SHAPED PIPE CLIP

- ◆执行国家标准为：
JB/ZQ4519-97(3)
- 组成：管夹体、螺母

- ◆National standard:
JB/ZQ4519-97(3)
- ◆Composition: Clip, nuts



Nominal dimension 规格 DN	A,D1 /Dimension 内径 (mm)	L1/Length 长度 (mm)	H1 /Length 长度 (mm)
DN20	23	40	73.5
DN25	29	48	81
DN40	43.6	62	100
DN50	54.4	76	118
DN65	69.6	94	135
DN80	85.8	106	152
DN100	105	136	190
DN125	130	164	217
DN150	158.5	192	247
DN200	218.5	248	311

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

金属软连接

METAL FLEXIBLE HOSE

◆ 金属软管是现代工业设备连接管线中的重要组成部件。

◆ 耐压金属软管的压力范围一般为PN0.6—16.0Mpa。

◆ 金属软管是软管安装在压力管路中的主要承压件，同时对波纹管起护套作用，根据管道中的压力大小，可选择一层编织。

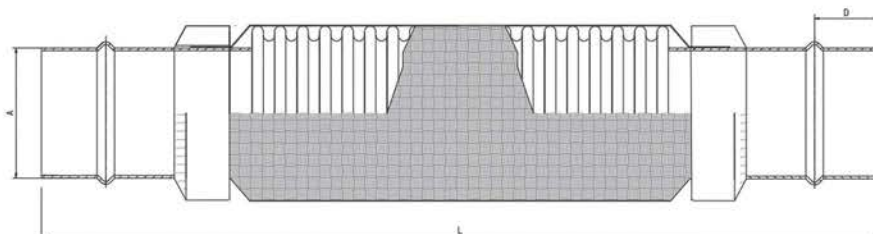
◆ 管路系统采用金属软管不仅可以提高系统疲劳破坏的能力，还可以达到降低噪音的效果。

◆ Metal flexible hoses are important components in modern industrial equipment connection.

◆ Pressure range is PN0.6-16.0Mpa.

◆ Metal flexible hoses are the main pressure bearing components in pressure piping and also serve as protective sleeves for corrugated pipes. Depending on the pressure in the pipeline, a layer of weaving can be selected.

◆ The use of metal hoses in piping systems can not only improve the system's fatigue damage but also achieve the effect of reducing noise.



Nominal dimension 规格 DN	L/Length 长度 (mm)	A/Length 长度 (mm)	D/Length 长度 (mm)
DN40	500	Φ 43.6	24
DN50	500	Φ 54.4	25
DN65	500	Φ 69.6	34
DN80	600	Φ 85.8	34
DN100	600	Φ 105	34
DN125	600	Φ 130	34
DN148	600	Φ 148	34
DN150	600	Φ 159	34
DN200	600	Φ 219	34
DN250	600	Φ 273	34

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®



◆ 排水器
Drainer



◆ 三通气动接头
Equal Tee pneumatic connector



◆ 电子排水器
Electronic auto drain



◆ 双通气动接头
Two-way lateral pneumatic con-



◆ 储气罐专用排水器
Drainer for air pressure vessel



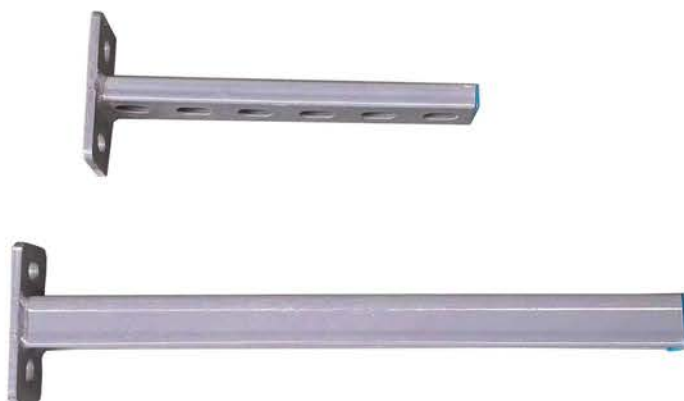
◆ 单通气动接头
Single-way pneumatic connector

CosBog® 产品展示

PRODUCT DISPLAY

悬臂支架

CANTILEVER BRACKET



支架

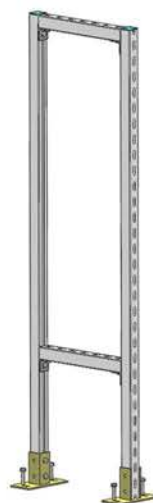
SUPPORT BRACKET

- ◆ 适用于机房管路、过滤器支撑
- ◆ 组成：C型钢、L型连接片、六角螺栓、蝶翼螺母、底座、内膨胀螺栓
- ◆ 采用C型钢组装形式
- ◆ 根据现场工况可调整安装尺寸，便于施工，可以满足95%的工况
- ◆ Suitable for machine room piping and filters support
- ◆ Composition: C-shaped steel holder, L-shaped connector fitting, hexagon socket bolts, butterfly wing nut, base and inner expansion bolt.
- ◆ Assembled by C-shaped steel.
- ◆ The installation size can be adjusted according to the on-site situation, which is convenient for construction and can meet 95% working conditions.



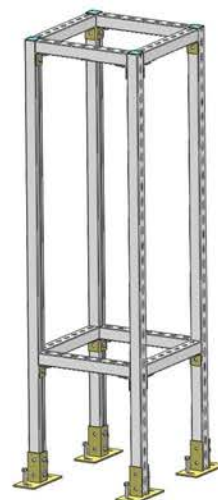
- ◆ 轻型支架
适用于支撑DN50以下管道及过滤器

- ◆ Light bracket
Suitable for supporting pipes and filters below DN50.
Piping and filter



- ◆ 重型支架
适用于支撑DN65以上管道及过滤器

- ◆ Heavy duty bracket
Suitable for supporting pipes and filters above DN65.



- ◆ 过滤器支架
适用于支撑重型过滤器

- ◆ Filter holder
Suitable for heavy duty filter support

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®



◆ C型钢
C-shaped steel holder



◆ U型压板
U-shaped Clip



◆ 老虎卡
Beam Clamp



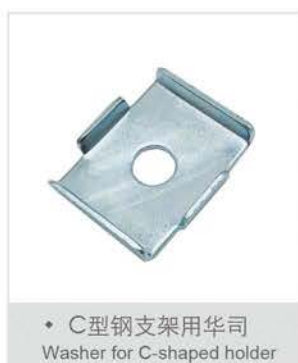
◆ C型钢底座
C-shaped steel base



◆ 直角连接
Right angle connector



◆ L型连接片
L-shaped connector fitting



◆ C型钢支架用华司
Washer for C-shaped holder



◆ 铰链型吊卡
Hanging bracket



◆ 型钢管卡
Steel clip



◆ 蝶翼螺母
Butterfly wing nut



◆ 膨胀螺丝
Expansion screw



◆ 自攻螺丝 丝杆接头
Self tapping screw
Rod Connector

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®



◆ 0-1.6MPa

◆ 抗震

◆ 普通介质应用

◆ 0-1.6MPa

◆ Anti-shock

◆ Normal media application

◆ 压力表 Pressure gauge

型号 Model	规格 Description	承压 Pressure-bearing
Y60	抗震 Anti shock	1.3Mpa
Y60	不抗震 Not anti shock	1.3Mpa
Y100	抗震 Anti shock	1.3Mpa
Y100	不抗震 Not anti shock	1.3Mpa

两种角度可选

90°适用于侧面安装
180°适用于顶端安装

TWO ANGLES ARE AVAILABLE
90 degree hoses are suitable for lateral
installation and 180 degree for upper installation.



◆ 减震管（配合压力表使用） Shock absorber pipes
(to be used with pressure gauge)

型号 Model	规格 Description
Y60	90° 内丝M14*1.5 外丝1/2' 90°Female thread M14*1.5 Male thread1/2'
Y60	180° 内丝M14*1.5 外丝1/2' 180°Female thread M14*1.5 Male thread1/2'
Y100	90° 内丝M20*1.5 外丝1/2' 90°Female thread M20*1.5 Male thread1/2'
Y100	180° 内丝M20*1.5 外丝1/2' 180°Female thread M20*1.5 Male thread1/2'



◆ 开孔器 Hole taper

型号 Model	规格 Description
Φ18	适用于25-20快换开孔 Suitable for quick drop of branch pipe between DN25-20.
Φ23	适用于DN20下支管快换开孔 Suitable for quick drop of branch pipe below DN20.
Φ30	适用于DN25下支管快换开孔 Suitable for quick drop of branch pipe below DN25.
Φ45	适用于DN40下支管快换开孔 Suitable for quick drop of branch pipe below DN40.
Φ55	适用于DN50下支管快换开孔 Suitable for quick drop of branch pipe below DN50.

CosBog® 产品展示

PRODUCT DISPLAY

CosBog®

涡街流量计

VORTEX FLOW METER



测量介质 Measurement media	过热/饱和蒸汽、液体和气体 Overheated/saturated vapors, liquids, and gases
孔径 Aperture	DN20、25、40、50、65、80、100、125、150、200
工程压力 (Mpa) Engineering pressure	1.6
介质温度 (°C) Media temperature	-40 ~ 80
准确度 accuracy	0.5% (协议供货)、1.0%、1.5% (OEM order)
本体、漩涡发生体 housing	304
流速范围 (m/s) flow rate range	1.5 ~ 60
输出信号 output signal	1. 三线制电压脉冲, 高电平≥5V, 低电平<1V 1. Three wire voltage pulse, high level 25V, low level<1V 2. 二线制4-20mA电流输出 2. Two wire 4-20mA current output
通讯功能 Communication function	HART, RS485
供电电源 Power supply	1. 三线制电压脉冲: DC12, DC24V 1. Three wire voltage pulse 2. 标准电流输出, 当地现实: DC24V 2. Standard current output 3. 电池供电 (锂电池): 3.6V 3. Battery powered (lithium)
环境温度 Ambient temperature	-40°C ~ 55°C 大气压力: 86Kpa ~ 106Kpa atmospheric pressure
防护等级 Protection grade	IP65 IP68
防爆等级 Explosion proof level	本安型, 隔爆型 Intrinsically Safe model, explosion suppression type

Nominal dimension 规格 DN	Air flow rate standard measurement range 空气流量标准测量范围 m³/h
DN20	6-50
DN25	10-80
DN40	18-180
DN50	30-300
DN65	42-420
DN80	75-750
DN100	125-1250
DN125	150-1500
DN150	250-2500
DN200	400-4000
DN250	250-2500

CosBog® 工具展示

PRODUCT DISPLAY

铝管去毛刺

DEBURRER TOOLS



◆ 内孔去毛刺器
Bore Deburrer



◆ 除毛刺器
Outer Deburrer



◆ 锉刀
File

铝管切割

PIPE CUTTER



◆ DN65-DN200



◆ DN20-DN50

CosBog® 工具展示

PRODUCT DISPLAY

CosBog®

样品箱

DISPLAY BOX



◆ 样品箱
Display box

凸管机

LUGGING MACHINE



◆ 凸管机
Lugging machine

CosBog® 安装准则

INSTALLATION STANDARDS

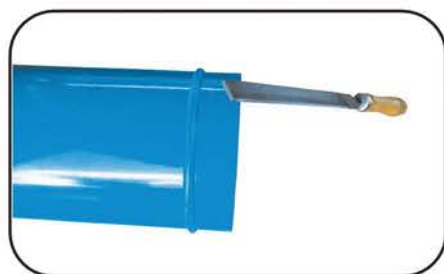
管子切管

Pipes cutting



管内外必须倒角及去毛刺

Chamfer outer edges and deburr inner end.



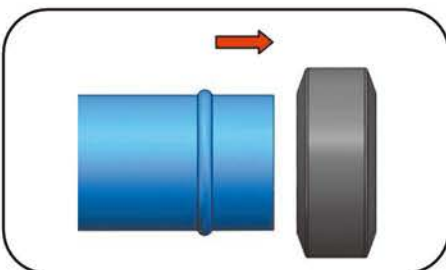
DN20-DN200 管子与管件连接作业规范

Installation guide for DN20-DN200

1、将密封圈套入

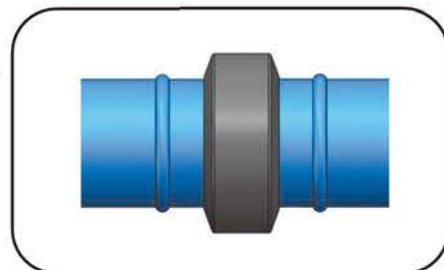
管子端部

1.Slide the seal over the edge of the pipe and make sure flush with snapped ring.



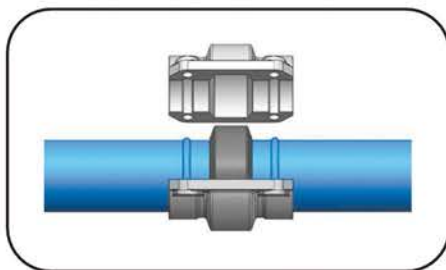
2、将第二根管从另一侧插入密封圈

2.Insert the second pipe into the seal.



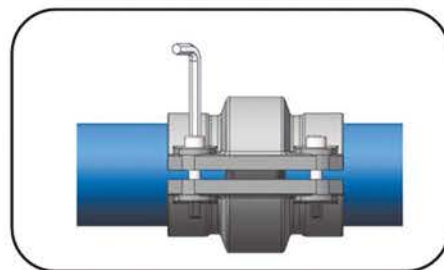
3、将管子凸槽与密封圈调整到与管件对应的装配处

3.Position the coupling over the seal.



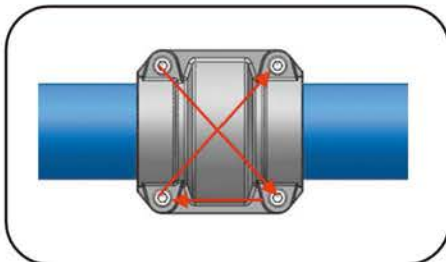
4、用内六角扳手拧紧螺丝

4.Tighten the hexagon socket screw by hand firstly.



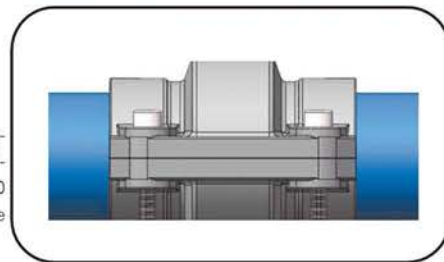
5、螺丝按下图顺序依次锁紧，保证有效夹持密封，打开管件则以相反顺序松开螺丝

5.Tighten the screws in the order shown in the diagram, open the pipe fittings and loosen the screws in the opposite order.



6、用电动工具将螺丝锁紧，最小拧紧力矩：10牛*米，使管件最终闭合

6.Use electric tools to tighten the screws, with a minimum tightening torque of 10 Nm to ensure that the pipe coupling is finally closed.



CosBog® 安装准则

INSTALLATION STANDARDS

下降管安装作业规范

Quick drop installation standards

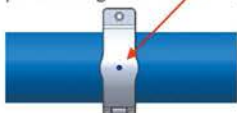
- 1、主管道水平确认（水平尺）
1.Main piping check
(levelling instrument)



- 2、将下降管按尺寸要求反向装配到主管道上
2.Install the quick drop according the size
with reverse direction.



- 3、用下降管的定位孔在主管道上用记号笔做好标记
3.Mark the main pipe with a marker pen
using the positioning hole of the quick drop.



- 4、取下下降管，在标记处用开孔器打孔，并用刮刀将毛刺去除
4.Remove quick drop, drill hole at the
marked area then removes burrs.



- 5、将密封圈放置下降管凹槽内，与开孔处贴合使下降管嵌入孔中，螺丝锁紧。（密封圈需平整）
5.Place the seals in the groove of the quick
drop and insert it in the hole, tighten the
screw. (The seals need to be flat)

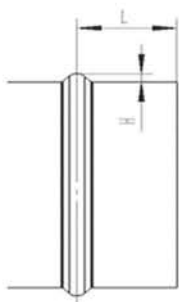


- 6、装入弯头，用气管管道，将固定螺丝锁紧
6.Install the elbow and branch pipe, fully
tighten the fixing screws.



DN20-DN200 管子接口压凸环尺寸

DN20-DN200 Pipes port Snap ring dimension



公称直径 Nominal diameter	压槽高度(H) Lugs height (H)	端面距离(L) End face distance (L)	压槽宽度(W) Lugs width (W)
DN20	1.4~1.7	21	4.6
DN25	1.4~1.7	21	4.6
DN40	1.4~1.7	24	5.5
DN50	1.4~1.7	24	5.5
DN65	3~3.3	34	9.5
DN80	3~3.3	34	9.5
DN100	3~3.3	34	9.5
DN125	3~3.3	34	9.5
DN148	3~3.3	34	9.5
DN150	3~3.3	34	9.5
DN200	3~3.3	34	9.5

CosBog® 系统应用

SYSTEM APPLICATIONS

Automobile and accessories, new energy, food industry, light industrial machinery manufacturing, electronic appliances.



随着工业的迅速发展，传统工业管道已经无法满足客户对压缩空气的更高要求，而铝合金管道跟随工业发展，能带客户解决后顾之忧。铝合金管道具有轻质高强、耐腐蚀性强、易于安装维护、节能环保等优势，在汽车及配件、新能源、轻工业、重工业、电子电器、机械制造、食品饮料、烟草制造、军工、医药医疗、航空航天等领域广泛应用。随着科技水平的发展和社会需求的不断变化，我们将不断的对产品升级和完善，以更好地满足各行业的需求。本着“以质求生，以诚为本”的原则，一路既往竭诚为客户提供更优质的产品，更完善的服务，为客户创造更多价值。

With the rapid development of industry, traditional industrial pipes are not able to meet the higher requirements of customers for compressed air, while aluminum alloy pipes can follow the development of industry and help customers solve their worries. Aluminum alloy pipes have advantages such as light weight, high strength, strong corrosion resistance, easy installation and maintenance, energy saving and environmental protection. They are widely used in fields such as automobiles and accessories, new energy, light industry, heavy industry, electronic appliances, mechanical manufacturing, food and beverage, tobacco manufacturing, military industry, medicine and medical, aerospace, etc. With the development of technology and the constant changes in social demands, we will continuously upgrade and improve our products to meet the needs of various industries. Adhering to the principle of "survival with quality and sincerity as the foundation", we will be dedicated to providing customers with higher quality products and more comprehensive services to create more value for our customers.

我们的经营理念

Business philosophy

专心 专注 专业
与客户双赢
Concentration and
professional with
win-win policy

我们的企业宗旨

Corporate mission

为客户创造价值
为员工搭建平台
Creating value for customers
and building a platform
for employees

我们的发展目标

Development goal

成为国内前沿
节能管路集成商
To be a leading energy-
saving piping integrator

时刻准备为您服务

ALWAYS READY TO SERVE YOU



富士康®
FOXCONN®

SIEMENS
西门子

Panasonic

CNR
中国北车

中国一汽

JOMOO 九牧
厨柜 衣柜

Coca-Cola | 中粮
COFCO



山西建投
SHANXI CIG

黄鹤楼

CISRI
中国钢研

沈阳航空产业集团有限公司
SHENYANG AVIATION INDUSTRY GROUP CO., LTD.

JGNE

FOTON
福田汽车

大自然地板
Nature

中国建材

JINSHAN FLOUR MANUFACTURING
金沙河面业

FARASIS 孚能科技