

O-RINGS

CATALOGUE

O型圈宣传册

WWW.MZHSEAL.COM



MZH[®] 上海麦之华密封件有限公司
Shanghai MaiZhiHua Sealing Element Co., Ltd.



以诚信为本
以客户双赢为目标
以追求质量零缺陷为宗旨
全员合力打造“MZH”品牌

经营理念 BUSINESS PHILOSOPHY

To be honesty
Take the win-win of customers as the goal
Pursue the zero defect of quality as the purpose
All staffs work together to build the "MZH" brand

Guarantee the quality of the product and the service
Provide effective seal
Continuous improvement for quality and system

QUALITY POLICY 质量方针

保证产品质量和服务
提供有效之密封保证
持续改进质量和体系

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公司简介 ABOUT US

上海麦之华密封件有限公司，前身是上海平叶密封件有限公司，于公元1998年2月成立于秀丽的南上海-奉贤区经济和文化中心-南桥镇，是专业从事骨架油封、汽车空调及家用空调配件用O型圈（适用的制冷剂有R134a、R410a、R407c、R404、R22、R12）和橡胶杂件的生产、开发与销售。公司在技术上采用了ASTM D2000-98C国际标准和QC/T666.1-2010国家标准，并且于2009年1月份通过了ISO/TS16949：2009品保体系的认证，从而确保了MZH产品的优良性、稳定性、一致性，为进一步的拓宽国内外市场奠定了基础，同时为进入汽车主机、零部件组装、工程机械和工业制造业厂商的配套具备了优良的条件。

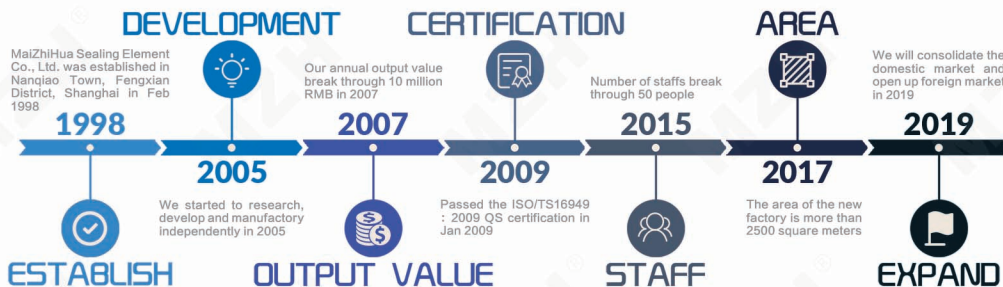
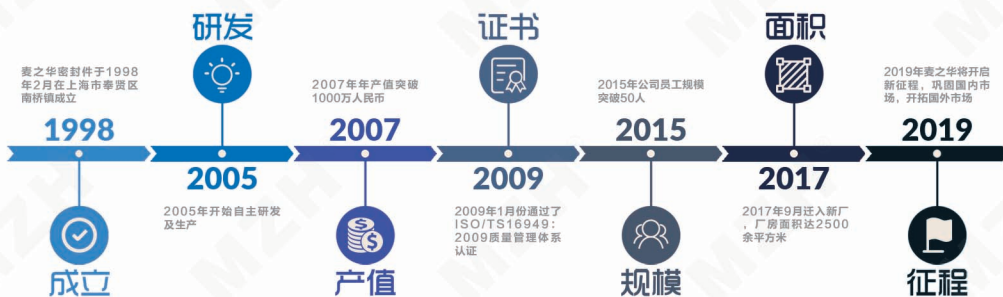
目前，MZH油封、O型圈、橡胶件涉及的领域在汽车底盘传动系列（如车桥、分动箱、变速箱、发动机），汽车各零部件系列（如起动机、发电机、涨力器、助力转向油泵、水泵、电机、方向机、气弹簧），农用车防泥水系列，汽车空调各配件上的O型圈（如传统压缩机、新能源电驱动压缩机、管路、膨胀阀、蒸发器、冷凝器、储液罐）；在工业领域适用于减速机系列、园林机械系列、工程机械系列、风力发电齿轮箱系列、清洗机系列、洗衣机系列、加油机设备系列、电子产品系列。

Shanghai MaiZhiHua Sealing Element Co.,Ltd. formerly known as Shanghai PingYe Seals Co.,Ltd. which was founded in Feb 1998 in Nanqiao Town, Shanghai. MZH is specialized in the production, sale and development of skeleton oil seals, O-ring for parts of the automotive air conditioner and household air conditioner (Suitable refrigerants are R134a, R410a, R407c, R404, R22, R12), and rubber parts. MZH had adopted the ASTM D2000-98C international standard and QC/T666.1-2010 national standard, and passed the ISO/TS16949:2009 quality management system certification in January 2009. They ensure the superiority, stability and consistency of MZH's products and lay the foundation for further broadening the domestic and international markets.

At present, MZH's oil seal, O-ring and rubber parts are used in the car chassis drive series (Such as axle, transfer case, gearbox, engine), car parts series (Such as starter, generator, force amplifier, steering pump, water pump, motor, steering gear, gas spring), agricultural vehicle series, O-ring for automotive air conditioner parts (Such as traditional compressor, new energy electric drive compressor, piping, expansion valve, evaporator, condenser, liquid storage tank). In the industrial field, they are used in the reducer series, garden machinery series, construction machinery series, wind power generation gearbox series, cleaning machine series, washing machine series and electronic products.

发展历程

DEVELOPMENT HISTORY



我们的客户 OUR CUSTOMERS



特赛亚
TCCI



佩特莱
PRESTOLITE

DENSO

Crafting the Core

天津电装
DENSO

DORCEN

大乘汽车
DORCEN

WEYER

上海文依
WEYER

SONGZ

上海松芝
SONGZ

NOVAT

天际汽车
NOVAT

HJBRIDGE

华劲
HJBRIDGE

CIMC

中集车辆
CIMC

上汽大众

SAIC VOLKSWAGEN

上汽大众
SAIC VOLKSWAGEN

一汽-大众

FAW-VOLKSWAGEN

一汽大众
FAW-VOLKSWAGEN



北汽新能源
BAIC BJEV



奇瑞汽车
CHERY

TOYOTA

丰田汽车
TOYOTA



长城汽车
GREAT WALL

GEELY

吉利汽车
GEELY



江淮汽车
JAC

工厂设备 EQUIPMENTS



工厂车间一角
WORKSHOP



O 型圈制造区
O-RING
PRODUCTION
AREA



模具区一角
MOULD
AREA

VIDEO
MEASURING
MACHINE
影像测量仪



全自动检验机
AUTOMATIC
INSPECTION
MACHINE



去毛边机
DEBURRING
MACHINE



全自动包装机
AUTOMATIC
PACKAGING
MACHINE

工厂设备 EQUIPMENTS



硫化试验仪
VULCANIZA-
TION
TESTER



切料机
CUTTING
MACHINE



切片机
SLICER

PRECISION
PREFORMER
精密预成型机



仓储区
STORAGE
AREA

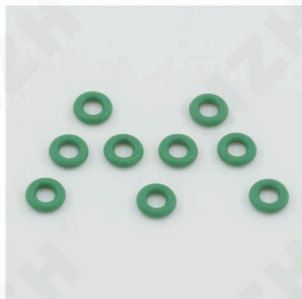


员工休息区
REST AREA

产品展示

PRODUCTS

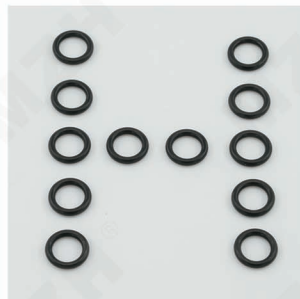
- 产品编号
Number
- 尺寸
Size
- 材料及颜色
Material & Color



- M1850
- 2.45*1.30
- HNBR 



- M1063
- 5.00*2.50
- EPDM 



- M0178
- 6.00*1.50
- EPDM 



- M1610
- 6.60*2.20
- HNBR 



- M1864
- 6.80*2.20
- HNBR 



- M0608
- 7.59*2.62
- EPDM 



- M0204
- 7.80*1.78
- HNBR 



- M1584
- 9.00*1.80
- HNBR 



- M1971
- 9.40*2.70
- NBR 

- 产品编号
Number
- 尺寸
Size
- 材料及颜色
Material & Color

产品尺寸、材质及颜色可根据客户要求定制
The size, material and color of the product can be customized according to customer's requirements



- M0229
- 9.60*2.40
- NBR



- M0646
- 9.80*1.90
- HNBR



- M0259
- 11.00*2.50
- VMQ



- M0272
- 12.00*2.50
- EPDM



- M0661
- 13.40*2.40
- HNBR



- M2066
- 13.60*2.65
- HNBR



- M0253
- 14.00*2.65
- FKM



- M1476
- 14.70*1.65
- NBR



- M0372
- 15.10*1.60
- FKM

产品尺寸、材质及颜色可根据客户要求定制

The size, material and color of the product can be customized according to customer's requirements

- 产品编号
Number
- 尺寸
Size
- 材料及颜色
Material & Color



- M0064
- 17.17*1.78
- FKM



- M2093
- 18.00*3.80
- EPDM



- M0841
- 23.63*3.50
- HNBR



- M0510
- 34.00*3.00
- EPDM



- M1925
- 34.00*3.10
- EPDM



- M0528
- 37.69*3.53
- EPDM



- M1154
- 67.00*2.65
- VMQ



- M0618
- 75.00*4.00
- EPDM



- M2088
- 97.50*3.55
- FKM

- 产品编号
Number
- 尺寸
Size
- 材料及颜色
Material & Color

产品尺寸、材质及颜色可根据客户要求定制
The size, material and color of the product can be customized according to customer's requirements



- M10512
- 8*16*1.2/2.0
- HNBR



- M10514
- 15.5*23.6*1.2/2
- HNBR



- M10583
- 15.35*28.05*1.2/2
- HNBR



- M012103
- 6*13.5*2
- HNBR



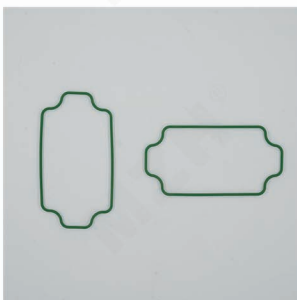
- M1972
- 12.45*15.75*4.2
- HNBR



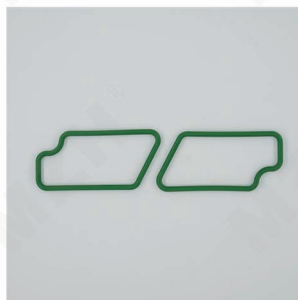
- M2220
- 12.5*18.8*1.3/2.2
- HNBR



- M2354
- 40.56*12.9*1.9/2.2
- HNBR



- M2145
- 92*47*1.75
- HNBR



- M2143
- 83.5*40.5*3.5
- HNBR

- 产品编号
Number
- 尺寸
Size
- 材料及颜色
Material & Color

产品尺寸、材质及颜色可根据客户要求定制
The size, material and color of the product can be customized according to customer's requirements



- M2213
- 101*119*29.5
- EPDM



- M3000
- /
- EPDM



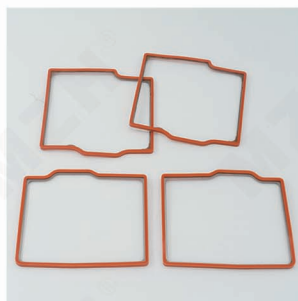
- M2500
- /
- HNBR



堵头
Plug



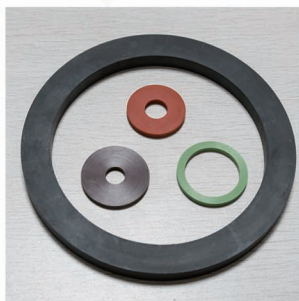
线束密封
Harness seal



缸盖密封
Motor seal



阀杆
Valve stem



垫片
Shim



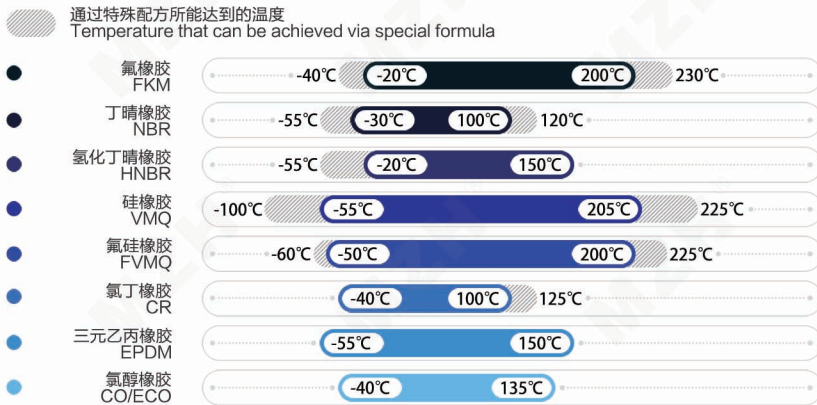
异型件
Special-shaped part

橡胶材料

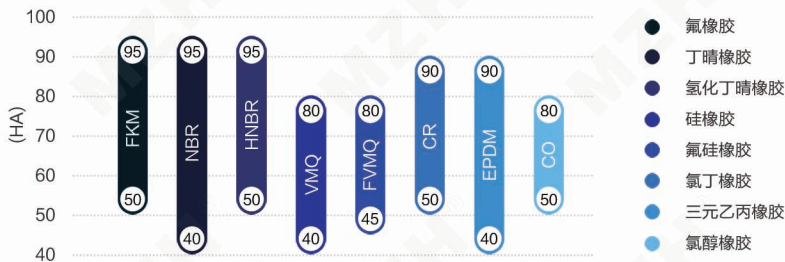
RUBBER MATERIAL

中文名称 Chinese Name	英文名称 English Name	国际标准缩写 Abbreviation
氟橡胶	Fluorine Rubber	FKM
丁晴橡胶	Nitrile-butadiene Rubber	NBR
氢化丁晴橡胶	Hydrogenated Nitrile-butadiene Rubber	HNBR
硅橡胶	Silicon Rubber	VMQ
氟硅橡胶	Fluorosilicone Rubber	FVMQ
氯丁橡胶	Chloroprene Rubber	CR
三元乙丙橡胶	Ethylene Propylene Diene Monomer	EPDM
氯醇橡胶	Epichlorohydrin Rubber	CO/ECO/GECO

常用橡胶材料表
Common rubber name table



适用温度范围表
Temperature range table



邵氏硬度范围
Shore hardness range

橡胶材料简介 About Rubber Materials

氟橡胶 FKM

简介 Brief

耐高温、耐大部分油及溶液（酮、酯类除外）、耐化学性、耐候性及耐臭氧性。

High temperature resistance, most oil and solution resistant(except Ketone and Ester), chemical resistance, weather resistance and ozone resistance

应用 Application

- 1、汽车、柴油、飞机发动机及燃料系统
- 2、化工领域

1. Engine for automotive, diesel and aircraft, and their fuel system
2. Chemical industry

丁晴橡胶 NBR

简介 Brief

丙烯晴含量越高，耐矿物油及燃料性越好，但低温性能越差。
成本低，用途广。

The higher the content of ACN, the better the resistance of mineral oil and fuel, but the worse the low temperature performance.
Low cost and wide use.

应用 Application

液压气动行业，核电装置密封及各种耐油的场合

Hydraulic industry, nuclear power plant sealing and various oil resistant occasions

氢化丁晴橡胶 HNBR

简介 Brief

耐热性、耐寒性、耐候性、耐臭氧、耐燃油和醇基燃油性比丁晴橡胶优异
极佳的抗蚀、抗张、抗撕和抗压缩变形

Heat resistance, cold resistance, weather resistance, ozone resistance, fuel and alcohol based fuel resistance are better than NBR.
Excellent corrosion resistance, anti dilation, tearing resistance and anti compression deformation .

应用 Application

- 1、汽车发动机系统密封件
- 2、空调制冷业冷媒（R134a、440a、407c等）密封件

1. Automotive engine system seal
2. Refrigerant (such as R134a, 440a, 407c and etc) seal

硅橡胶 VMQ

简介 Brief

极佳的耐热、耐寒、耐氧化和臭氧，良好的电绝缘性。
耐水蒸气不佳，耐油性差

Excellent heat resistance, cold resistance, oxidation and ozone resistance, good electrical insulation.
Poor steam resistance and oil resistance.

应用 Application

- 1、电子产品、电子零件
- 2、航空工业
- 3、医疗器械

1. Electronic products, electronic parts
2. Aviation industry
3. Medical apparatus and instruments

橡胶材料简介 About Rubber Materials

氟硅橡胶 FVMQ

简介 Brief

具有氟橡胶与硅橡胶的优点，优秀的耐油、耐溶剂、耐高低温性。

Have the advantage of FKM and VMQ.
Good oil resistant, solvent resistance and high and low temperature resistance.

应用 Application

- 1、喷气式飞机发动机及汽车燃油
- 2、太空机件

1. Fuel system for automotive engine and jet engine
2. Parts of the space aircraft

氯丁橡胶 CR

简介 Brief

良好的弹性、阻燃性、耐化学性。
耐老化及耐候性仅次于三元乙丙橡胶。
耐低温性差，贮存稳定性差。

Good elasticity, fire resistance, chemical resistance and weather resistance.
Bad at low temperature resistance and storage stability.

应用 Application

- 1、家电用品上的橡胶零件及密封圈
- 2、暴露于空气中的橡胶制品

1. Rubber parts and sealing rings on electrical appliances.
2. Rubber products exposed to air

三元乙丙橡胶 EPDM

简介 Brief

良好的耐候性、耐臭氧和绝缘性，极佳的耐老化性、耐化学物及耐水和水蒸气性。
硫化慢，自粘和互粘性差。

Good weather resistance, ozone resistance and insulation. Excellent ageing resistance, chemical resistance and steam resistance.
Slow vulcanization and bad self viscosity and mutual viscosity.

应用 Application

- 1、高温水蒸气环境
- 2、汽车零件
- 3、工业制品及建筑材料

1. High temperature steam situation
2. Auto parts and industrial products
3. Construction materials

氯醇橡胶 CO/ECO

简介 Brief

耐热性优于丁腈橡胶，耐臭氧，离火自熄，导电性好。
耐碱性较差，易压缩变形。

Heat resistance is better than NBR. Good ozone resistance and electrical conductivity.
Poor steam resistance and oil resistance.
The alkali resistance is poor, and it is easy to deform when compressing.

应用 Application

汽车工业
Automotive industry

O型圈公差标准表

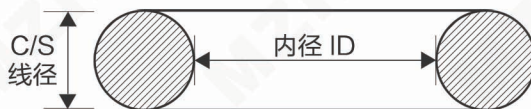
O-ring Tolerance Standard Table

依据DIN3771标准

单位：毫米

According to DIN3771 standard

Unit: mm



内径 ID	公差 (+/-)
1.80 - 2.50	0.13
2.51 - 4.50	0.14
4.51 - 6.30	0.15
6.31 - 8.50	0.16
8.51 - 10.00	0.17
10.01 - 11.20	0.18
11.21 - 14.00	0.19
14.01 - 16.00	0.20
16.01 - 18.00	0.21
18.01 - 20.00	0.22
20.01 - 21.20	0.23
21.21 - 23.60	0.24
23.61 - 25.00	0.25
25.01 - 26.50	0.26
26.51 - 28.00	0.28
28.01 - 30.00	0.29
30.01 - 31.50	0.31
31.51 - 33.50	0.32
33.51 - 34.50	0.33
34.51 - 35.50	0.34
35.51 - 36.50	0.35
36.51 - 37.50	0.36
37.51 - 38.70	0.37
38.71 - 40.00	0.38
40.01 - 41.20	0.39
41.21 - 42.50	0.40
42.51 - 43.70	0.41
43.71 - 45.00	0.42
45.01 - 46.20	0.43
46.21 - 47.50	0.44
47.51 - 48.70	0.45
48.71 - 50.00	0.46
50.01 - 51.50	0.47
51.51 - 53.00	0.48
53.01 - 54.50	0.50
54.51 - 56.00	0.51
56.01 - 58.00	0.52
58.01 - 60.00	0.54
60.01 - 61.50	0.55
61.51 - 63.00	0.56
63.01 - 65.00	0.58
65.01 - 67.00	0.59
67.01 - 69.00	0.61
69.01 - 71.00	0.63

内径 ID	公差 (+/-)
71.01 - 73.00	0.64
73.01 - 75.00	0.66
75.01 - 77.50	0.67
77.51 - 80.00	0.69
80.01 - 82.50	0.71
82.51 - 85.00	0.73
85.01 - 87.50	0.75
87.51 - 90.00	0.77
90.01 - 92.50	0.79
92.51 - 95.00	0.81
95.01 - 97.50	0.83
97.51 - 100.00	0.84
100.01 - 103.00	0.87
103.01 - 106.00	0.89
106.01 - 109.00	0.91
109.01 - 112.00	0.93
112.01 - 115.00	0.95
115.01 - 118.00	0.97
118.01 - 122.00	1.00
122.01 - 125.00	1.03
125.01 - 128.00	1.05
128.01 - 132.00	1.08
132.01 - 136.00	1.10
136.01 - 140.00	1.13
140.01 - 145.00	1.17
145.01 - 150.00	1.20
150.01 - 155.00	1.24
155.01 - 160.00	1.27
160.01 - 165.00	1.31
165.01 - 170.00	1.34
170.01 - 175.00	1.38
175.01 - 180.00	1.41
180.01 - 185.00	1.44
185.01 - 190.00	1.48
190.01 - 195.00	1.51
195.01 - 200.00	1.55
200.01 - 206.00	1.59
206.01 - 212.00	1.63
212.01 - 218.00	1.67
218.01 - 224.00	1.71
224.01 - 230.00	1.75
230.01 - 236.00	1.79
236.01 - 243.00	1.83
243.01 - 250.00	1.88

内径 ID	公差 (+/-)
250.01 - 258.00	1.93
259.01 - 265.00	1.98
265.01 - 272.00	2.02
272.01 - 280.00	2.08
280.01 - 290.00	2.14
290.01 - 300.00	2.21
300.01 - 307.00	2.25
307.01 - 315.00	2.30
315.01 - 325.00	2.37
325.01 - 335.00	2.43
335.01 - 345.00	2.49
345.01 - 355.00	2.56
355.01 - 365.00	2.62
365.01 - 375.00	2.68
375.01 - 387.00	2.76
387.01 - 400.00	2.84
400.01 - 412.00	2.91
412.01 - 425.00	2.99
425.01 - 437.00	3.07
437.01 - 450.00	3.15
450.01 - 462.00	3.22
462.01 - 475.00	3.30
475.01 - 487.00	3.37
487.01 - 500.00	3.45
500.01 - 515.00	3.54
515.01 - 530.00	3.63
530.01 - 545.00	3.72
545.01 - 560.00	3.81
560.01 - 580.00	3.93
580.01 - 600.00	4.05
600.01 - 615.00	4.13
615.01 - 630.00	4.22
630.01 - 650.00	4.34
650.01 - 670.00	4.46

线径 C/S	公差 (+/-)
0 - 1.80	0.08
1.81 - 2.65	0.09
2.66 - 3.55	0.10
3.56 - 5.30	0.13
5.31 - 7.00	0.15
7.01 - 8.70	0.18
8.71 - 10.40	0.22

O型圈外观质量标准

O-ring Quality Acceptance Criteria

依据GB/T3452.2-2007规范

S等级可满足工业、汽车业和航空航天业通用性密封件外观标准要求

According to the GB/T3452.2-2007 standard

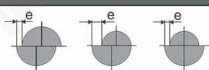
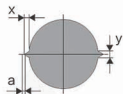
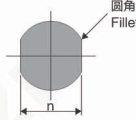
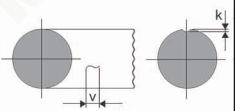
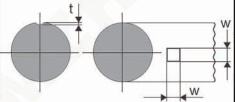
The rank S can satisfy the requirements of the general seal appearance standards for industrial, automotive and aerospace industries.

O型圈表面缺陷尺寸极限值 (S级)

单位: 毫米

Size limit value of O-ring surface defect (Rank S)

Unit: mm

表面缺陷类型 Type of surface defect	图示 Graphic	符号 Symbol	O型圈截面直径 d_2 Cross section diameter d_2				
			$> 0.8^{\wedge}$ ≤ 2.25	> 2.25 ≤ 3.15	> 3.15 ≤ 4.50	> 4.50 ≤ 6.30	> 6.30 $\leq 8.40^{\wedge}$
			缺陷的最大极限值 Maximum limit value of defect				
错位, 错配 Malposition		e	0.08	0.08	0.10	0.12	0.13
组合飞边 Flash		x	0.10	0.10	0.13	0.15	0.15
		y	0.10	0.10	0.13	0.15	0.15
		a	可见的飞边不应超过0.05mm The visible flash should not exceed 0.05mm				
开模缩裂 Shrinkage crack		g	0.10	0.15	0.20	0.20	0.30
		u	0.05	0.08	0.10	0.10	0.13
过度修边 Over trimming deflashing		不允许有径向修边痕迹 Radial trimming mark are not allowed					
		允许修边后的尺寸n不小于O型圈截面面积 d_2 的下限值 n should not less than the lower limit value of the area of the O-ring section (d_2)					
流痕 Flow mark		v	1.50*	1.50*	5.00*	5.00*	5.00*
		k	0.05	0.05	0.05	0.05	0.05
		不允许在径向上有固定的定向流痕 Fixed directional flow mark on the radial direction is not allowed					
缺胶和凹痕 Lack of rubber and dent		w	0.15	0.25	0.40	0.63	1.00
		t	0.08	0.08	0.10	0.10	0.13
		包括分模线凹痕 Include parting line dent					

$\wedge$ 对于截面直径 $\leq 0.8\text{mm}$ 或 $> 8.40\text{mm}$ 的O型圈, 其缺陷的允许极限值应由客户与本公司协商确认。
If the cross section diameter of the O-ring is $\leq 0.80\text{mm}$ or $> 8.40\text{mm}$, the customer should consult with our company to confirm about the allowable limit value of the defect.

* 或者是O型圈内径乘以0.05, 取二者中的较大者。
Or the inner diameter of the O-ring multiplied by 0.05, taking the larger one of the two.

O型圈尺寸表

O-RING SIZE TABLE



支持尺寸定制
Customizable

单位: 毫米
Unit: mm

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M0658	0.74	1.02	M0118	3.68	1.80	M1371	5.80	2.70	M0607	7.52	3.53
M1304	1.00	0.80	M1744	3.70	1.92	M0163	5.94	3.53	M0608	7.59	2.62
M1300	1.00	1.85	M1273	6.80	1.20	M0578	6.00	1.00	M0609	7.60	1.20
M0001	1.07	1.27	M0475	3.80	2.00	M1667	6.00	1.20	M0967	7.60	1.78
M0693	1.24	2.62	M1646	3.80	6.80	M0178	6.00	1.50	M1582	7.60	2.10
M1367	1.30	1.20	M1313	3.90	1.30	M0263	6.00	1.80	M1492	7.60	2.40
M1299	1.40	1.80	M0476	3.96	0.97	M0179	6.00	2.00	M0202	7.65	1.63
M0659	1.42	1.52	M1444	4.00	3.00	M1748	6.00	2.20	M0203	7.65	1.78
M0660	1.50	0.70	M0539	4.00	0.50	M0950	6.00	2.50	M1575	7.70	2.50
M2069	1.50	1.00	M0540	4.00	1.00	M1750	6.00	2.50	M0048	7.80	1.50
M1238	1.50	1.40	M0138	4.00	1.50	M0579	6.00	3.00	M0204	7.80	1.78
M1268	1.50	1.50	M1045	4.00	1.80	M0580	6.00	4.00	M0205	7.80	1.90
M1269	1.60	1.60	M0139	4.00	2.00	M0180	6.02	2.62	M1932	7.80	2.40
M0238	1.75	0.50	M1929	4.00	2.50	M0581	6.07	1.63	M1733	7.80	2.60
M1605	1.75	0.80	M1417	4.00	3.00	M0181	6.07	1.78	M1942	7.80	3.50
M0239	1.78	1.78	M1058	4.00	4.00	M0582	6.20	1.90	M1235	7.90	1.65
M0240	1.80	1.00	M2035	4.00	4.00	M2061	6.30	1.80	M2092	7.94	1.60
M1292	1.80	1.90	M0965	4.20	1.00	M0261	6.30	2.40	M0621	8.00	1.00
M0076	2.00	1.00	M1231	4.20	1.90	M0583	6.35	1.70	M2019	8.00	1.20
M1194	2.00	1.25	M2086	4.30	1.10	M1137	6.40	1.90	M0622	8.00	1.50
M0077	2.00	1.50	M1041	4.30	2.40	M0584	6.50	0.86	M1237	8.00	1.60
M1725	2.00	2.00	M1837	4.32	3.10	M1196	6.50	1.00	M1517	8.00	1.90
M0809	2.06	2.62	M0901	4.34	3.53	M0585	6.50	1.50	M0214	8.00	2.00
M1855	2.10	1.20	M0140	4.42	2.62	M0182	6.50	1.60	M1647	8.00	2.00
M1409	2.20	1.60	M0141	4.47	1.78	M0586	6.50	1.78	M1695	8.00	2.40
M0810	2.30	0.70	M0902	4.50	0.60	M1676	6.50	2.50	M0215	8.00	2.50
M0363	2.40	1.50	M1222	4.50	1.00	M1814	6.50	4.00	M1638	8.00	2.80
M1181	2.40	1.90	M0903	4.50	1.50	M0183	6.55	2.00	M0216	8.00	3.00
M1850	2.45	1.30	M1945	4.50	2.00	M2090	6.59	1.74	M1833	8.00	3.00
M1351	2.50	1.00	M2079	4.56	1.35	M1610	6.60	2.20	M1001	8.00	3.50
M0364	2.50	1.30	M0904	4.57	1.02	M1668	6.60	2.30	M0623	8.00	4.00
M1921	2.50	1.60	M1395	4.60	1.65	M1973	6.60	2.62	M1193	8.10	1.80
M1248	2.50	1.90	M1661	4.60	2.30	M0184	6.70	1.40	M2003	8.20	11.5
M1494	2.50	2.00	M2060	4.70	1.10	M0685	6.70	1.50	M0245	8.30	2.40
M1749	2.50	2.50	M1221	4.70	1.42	M0587	6.70	1.80	M0217	8.50	1.50
M0078	2.57	1.78	M1825	4.75	1.60	M1247	6.73	1.63	M0979	8.50	1.90
M0365	2.60	1.20	M1697	4.76	1.78	M0185	6.75	1.78	M1250	8.50	2.00
M0366	2.60	1.90	M1272	4.80	1.20	M1820	6.80	1.40	M1807	8.50	3.00
M1383	2.60	2.50	M1915	4.80	1.60	M2074	6.80	1.60	M0980	8.60	2.40
M1361	2.80	1.20	M0541	4.80	1.90	M1596	6.80	1.70	M1625	8.73	1.80
M0079	2.80	1.90	M0951	4.87	1.80	M0186	6.80	1.90	M1847	8.75	3.30
M0813	2.84	2.62	M1223	4.90	1.90	M1864	6.80	2.20	M0218	8.80	1.90
M0367	2.90	1.78	M1420	5.00	0.80	M1251	6.80	2.40	M1692	8.90	1.60
M0814	2.98	0.56	M0562	5.00	1.00	M1623	6.80	2.65	M1413	8.90	2.70
M0471	3.00	1.00	M0157	5.00	1.50	M0246	6.90	1.80	M0638	9.00	1.00
M1312	3.00	1.30	M1452	5.00	1.80	M1380	6.90	2.78	M1048	9.00	1.20
M0472	3.00	1.50	M0159	5.00	2.00	M0964	7.00	0.80	M0639	9.00	1.50
M0473	3.00	2.00	M1063	5.00	2.50	M0194	7.00	1.00	M0640	9.00	1.60
M1613	3.00	2.50	M1983	5.00	3.00	M0601	7.00	1.20	M0219	9.00	1.80
M1450	3.00	3.00	M1822	5.00	4.00	M0195	7.00	1.50	M1584	9.00	1.80
M1863	3.15	1.80	M1219	5.03	0.64	M1249	7.00	1.60	M0641	9.00	2.00
M1195	3.20	1.60	M1809	5.20	1.90	M0196	7.00	1.80	M0225	9.00	2.50
M1278	3.20	1.90	M0563	5.23	2.62	M0602	7.00	2.00	M0158	9.00	2.65
M1487	3.30	2.40	M1243	5.28	1.78	M0197	7.00	2.50	M0642	9.00	3.00
M1881	3.40	1.90	M1280	5.30	2.40	M0198	7.00	3.00	M1449	9.00	3.50
M0115	3.50	1.00	M1301	5.40	1.30	M0603	7.19	1.02	M1267	9.00	4.00
M1352	3.50	1.50	M1877	5.40	4.20	M0199	7.19	1.07	M1564	9.10	1.50
M0116	3.50	1.70	M0564	5.50	1.30	M1406	7.20	1.90	M1145	9.12	1.78
M1407	3.50	2.10	M0161	5.50	1.50	M1727	7.20	3.00	M0643	9.12	3.53
M1519	3.55	1.80	M1648	5.50	1.80	M0200	7.30	2.40	M0226	9.19	1.50
M1940	3.60	1.20	M0929	5.50	2.00	M0201	7.37	1.80	M2042	9.20	1.20
M1453	3.60	1.20	M1411	5.60	1.80	M1244	7.48	1.62	M1378	9.20	1.90
M1197	3.60	1.50	M0682	5.60	2.20	M0604	7.50	1.30	M1741	9.20	2.40
M0474	3.60	2.40	M1147	5.70	1.60	M0605	7.50	1.50	M0227	9.20	2.62
M0870	3.63	2.62	M1911	5.70	3.00	M1178	7.50	1.80	M0228	9.25	1.78
M0117	3.68	1.27	M0162	5.80	1.90	M0606	7.50	2.00	M1622	9.30	2.40

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M1303	9.40	2.10	M0017	11.30	2.40	M0737	13.64	5.33	M0055	16.00	2.50
M1202	9.40	2.40	M0705	11.50	1.50	M0293	13.75	0.85	M0292	16.00	2.65
M1369	9.40	2.70	M1440	11.50	2.00	M2080	13.77	3.15	M1431	16.00	3.00
M1971	9.40	2.70	M1445	11.50	2.40	M1473	13.80	1.60	M1845	16.00	3.50
M0644	9.50	1.00	M1348	11.50	2.80	M1777	13.80	1.78	M0323	16.00	4.00
M0645	9.50	1.50	M1381	11.50	3.00	M1345	13.80	1.90	M0056	16.08	1.78
M1192	9.50	1.78	M1880	11.60	1.00	M0244	13.80	2.40	M0057	16.10	1.60
M1354	9.50	2.00	M0266	11.60	2.20	M1081	13.80	3.90	M0254	16.30	2.40
M0151	9.50	2.40	M1762	11.60	2.65	M0738	13.87	3.53	M0058	16.36	2.21
M1405	9.50	2.50	M1538	11.80	1.60	M0251	13.90	2.00	M1714	16.40	1.90
M1585	9.50	3.50	M1403	11.80	1.80	M0034	13.94	2.62	M0324	16.50	0.50
M0229	9.60	2.40	M0706	11.80	2.40	M0037	14.00	1.00	M0325	16.50	0.60
M1581	9.66	1.91	M0018	11.89	1.98	M0038	14.00	1.20	M0059	16.50	1.00
M0230	9.75	1.78	M1459	11.90	2.62	M1481	14.00	1.50	M1287	16.50	2.00
M0646	9.80	1.90	M2007	12.00	5.70	M0039	14.00	1.78	M2023	16.60	2.40
M0231	9.80	2.40	M0692	12.00	1.00	M0040	14.00	2.00	M1279	16.76	1.78
M1256	9.90	2.10	M0270	12.00	1.20	M0252	14.00	2.40	M1914	16.80	1.90
M0232	9.92	2.62	M0271	12.00	1.50	M0041	14.00	2.50	M2067	16.80	2.40
M1419	10.00	1.00	M1763	12.00	1.80	M1949	14.00	2.60	M0777	16.81	5.33
M0002	10.00	1.20	M0021	12.00	2.00	M0253	14.00	2.65	M0328	17.00	0.50
M0003	10.00	1.30	M1734	12.00	2.20	M0750	14.00	3.00	M0329	17.00	0.60
M0242	10.00	1.50	M0662	12.00	2.40	M0299	14.00	4.00	M0340	17.00	0.65
M0694	10.00	1.60	M0272	12.00	2.50	M1283	14.10	1.60	M0330	17.00	1.00
M0666	10.00	1.80	M0273	12.00	3.00	M1975	14.10	2.15	M1288	17.00	1.20
M1432	10.00	1.90	M0268	12.00	3.50	M0267	14.20	1.90	M1574	17.00	1.30
M0004	10.00	2.00	M0274	12.00	4.00	M1337	14.30	2.40	M0331	17.00	1.50
M0007	10.00	2.50	M0718	12.07	5.33	M0751	14.50	1.50	M2057	17.00	1.60
M1696	10.00	2.65	M0275	12.10	1.60	M1992	14.50	2.40	M1810	17.00	1.80
M0005	10.00	3.00	M1334	12.10	2.70	M1225	14.50	2.50	M1677	17.00	1.90
M1504	10.00	3.50	M1609	12.20	2.90	M2070	14.50	2.65	M0060	17.00	2.00
M0667	10.00	4.00	M0719	12.29	3.53	M0300	14.63	0.86	M0061	17.00	2.50
M1059	10.00	5.00	M0022	12.30	2.40	M1476	14.70	1.65	M0332	17.00	3.00
M1689	10.10	1.57	M0023	12.37	2.62	M1663	14.70	2.80	M1169	17.00	3.50
M1075	10.10	1.68	M0024	12.42	1.78	M0042	14.80	2.40	M1148	17.00	3.55
M0006	10.20	1.90	M0025	12.50	1.50	M1421	14.80	2.62	M0782	17.00	4.00
M1628	10.30	2.40	M1454	12.50	1.80	M0308	15.00	0.50	M0062	17.04	3.53
M0696	10.46	5.33	M1669	12.50	2.00	M0764	15.00	0.80	M0063	17.12	2.62
M0008	10.50	1.00	M1159	12.50	2.50	M0045	15.00	1.00	M2071	17.17	1.78
M1047	10.50	1.30	M2036	12.50	2.60	M0309	15.00	1.50	M0064	17.17	1.78
M1245	10.50	1.50	M1788	12.50	3.00	M1516	15.00	1.80	M1839	17.20	2.40
M1457	10.50	2.00	M1604	12.60	2.50	M2000	15.00	1.90	M0333	17.50	0.50
M1823	10.50	2.70	M1388	12.70	1.60	M0310	15.00	2.00	M0334	17.50	0.60
M1899	10.50	3.00	M1979	12.70	2.00	M0311	15.00	2.50	M0783	17.50	1.50
M0247	10.52	1.83	M0027	12.73	1.57	M0264	15.00	2.62	M1844	17.50	1.80
M1636	10.60	2.30	M1436	12.80	1.80	M0765	15.00	2.65	M1376	17.50	2.00
M1559	10.60	3.00	M1970	12.80	2.40	M1375	15.00	2.80	M1493	17.50	2.50
M0668	10.69	3.53	M0287	13.00	0.50	M0312	15.00	3.00	M0648	17.60	2.40
M0669	10.70	1.50	M0288	13.00	1.50	M0766	15.00	4.00	M1374	17.60	3.70
M0269	10.70	1.90	M1182	13.00	1.80	M1062	15.00	5.00	M0335	17.80	2.40
M0009	10.77	2.62	M1913	13.00	1.90	M1326	15.08	2.62	M1215	17.80	2.70
M1472	10.80	1.60	M0289	13.00	2.00	M0372	15.10	1.60	M0665	17.93	2.46
M0663	10.80	1.90	M0031	13.00	2.50	M0313	15.20	1.50	M0343	18.00	0.60
M1307	10.80	2.00	M0030	13.00	3.00	M0046	15.20	2.40	M0344	18.00	1.00
M0235	10.80	2.40	M1893	13.00	4.00	M1157	15.20	2.62	M0345	18.00	1.50
M0010	10.82	1.78	M1025	13.10	1.00	M0767	15.24	5.33	M1172	18.00	1.80
M2030	10.90	2.43	M1773	13.10	1.60	M1372	15.30	2.20	M0065	18.00	2.00
M0702	11.00	0.50	M1690	13.20	1.80	M1615	15.47	2.50	M0346	18.00	2.50
M0015	11.00	1.00	M1296	13.20	2.65	M0314	15.47	3.53	M1339	18.00	2.62
M1039	11.00	1.30	M0032	13.30	1.30	M0315	15.50	1.50	M0066	18.00	3.00
M0703	11.00	1.50	M1311	13.30	2.00	M2091	15.50	2.25	M1008	18.00	3.50
M2049	11.00	1.80	M0033	13.30	2.40	M1838	15.50	3.00	M2093	18.00	3.80
M0236	11.00	2.00	M0290	13.34	2.50	M0047	15.54	2.62	M0347	18.00	4.00
M0248	11.00	2.40	M0241	13.40	1.78	M0049	15.60	1.78	M1044	18.00	5.00
M0259	11.00	2.50	M0291	13.40	1.90	M1948	15.70	1.90	M0067	18.10	1.60
M2068	11.00	2.80	M0661	13.40	2.40	M0050	15.70	2.40	M1691	18.20	1.70
M0704	11.00	3.00	M0237	13.46	2.08	M0051	15.80	2.40	M1226	18.30	3.60
M1699	11.00	3.50	M1402	13.50	1.50	M1175	15.80	2.65	M1088	18.40	2.70
M1314	11.00	4.00	M1284	13.50	2.00	M0321	16.00	0.50	M0791	18.42	5.33
M0260	11.05	0.79	M1477	13.50	2.50	M0322	16.00	0.60	M0348	18.50	0.50
M1410	11.10	1.60	M0250	13.60	1.70	M0776	16.00	1.20	M0349	18.50	0.60
M1253	11.11	1.78	M0243	13.60	1.90	M0053	16.00	1.50	M0350	18.50	0.70
M0249	11.20	2.65	M1229	13.60	2.43	M1171	16.00	1.80	M1815	18.50	1.20
M0016	11.30	2.20	M2066	13.60	2.65	M0054	16.00	2.00	M1356	18.50	2.00



支持尺寸定制
Customizable

单位: 毫米
Unit: mm

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M2047	18.50	2.20	M1090	20.80	3.90	M0099	23.52	1.78	M0427	26.00	0.50
M0068	18.64	3.53	M0380	21.00	0.50	M0841	23.63	3.50	M0428	26.00	0.60
M1471	18.70	1.65	M0381	21.00	0.60	M1285	23.70	2.80	M0429	26.00	0.70
M1043	18.70	3.00	M0382	21.00	0.70	M1872	23.80	2.40	M0430	26.00	0.80
M0069	18.72	2.62	M0822	21.00	1.50	M1201	23.81	2.62	M2058	26.00	1.50
M0070	18.77	1.78	M0996	21.00	2.00	M1364	23.81	3.18	M0107	26.00	1.90
M1812	18.80	2.54	M1631	21.00	2.50	M1965	23.81	3.18	M0432	26.00	2.00
M0353	19.00	0.50	M0087	21.00	3.00	M0402	24.00	0.50	M1635	26.00	2.40
M0354	19.00	0.60	M1346	21.00	3.50	M0403	24.00	0.60	M0433	26.00	3.00
M1614	19.00	1.00	M0823	21.00	4.00	M1012	24.00	0.70	M0856	26.00	4.00
M1358	19.00	1.20	M1808	21.00	5.00	M0404	24.00	1.00	M1852	26.00	4.50
M0355	19.00	1.50	M0088	21.20	1.20	M1094	24.00	1.50	M2010	26.33	5.50
M0071	19.00	1.80	M1627	21.20	1.80	M0405	24.00	2.00	M0857	26.34	5.33
M0356	19.00	2.00	M1649	21.20	2.40	M1095	24.00	2.50	M1101	26.40	1.00
M0256	19.00	2.50	M1344	21.20	2.65	M1816	24.00	2.80	M1601	26.50	2.00
M1715	19.00	2.65	M0383	21.50	0.60	M0100	24.00	3.00	M0434	26.50	2.50
M0357	19.00	3.00	M1673	21.50	2.00	M1571	24.00	3.50	M0436	26.50	2.65
M1637	19.00	3.50	M1836	21.50	3.00	M1843	24.00	3.80	M0435	26.57	3.53
M0798	19.00	4.00	M1262	21.50	3.55	M0845	24.00	4.00	M1102	26.59	2.95
M1259	19.10	1.60	M0824	21.59	5.33	M1707	24.00	4.60	M0108	26.70	1.78
M0073	19.15	1.50	M1315	21.70	3.50	M1096	24.00	5.00	M0437	27.00	0.50
M0799	19.18	2.46	M0384	21.80	2.40	M1717	24.00	6.00	M0438	27.00	0.60
M1382	19.20	1.80	M0385	21.82	3.53	M1642	24.20	2.40	M0439	27.00	0.70
M1495	19.20	1.90	M0090	21.89	2.62	M0406	24.40	0.80	M0440	27.00	0.80
M0074	19.30	2.40	M0386	21.95	1.32	M1562	24.40	1.50	M1830	27.00	1.00
M1824	19.30	2.54	M0091	21.95	1.78	M0407	24.40	3.10	M1832	27.00	1.20
M1468	19.30	4.60	M0389	22.00	0.40	M1097	24.42	2.95	M1632	27.00	1.50
M1373	19.40	2.10	M0390	22.00	0.50	M0408	24.50	0.50	M0441	27.00	2.00
M0358	19.50	0.60	M0391	22.00	0.60	M0409	24.50	0.60	M1786	27.00	2.20
M0075	19.50	1.00	M0392	22.00	1.00	M1993	24.50	2.40	M1897	27.00	2.30
M1594	19.50	2.40	M0092	22.00	1.50	M1841	24.50	2.50	M1281	27.00	2.50
M0359	19.51	1.50	M1583	22.00	1.80	M1030	24.50	3.00	M0109	27.00	3.00
M0800	19.60	0.80	M0829	22.00	2.00	M1263	24.60	5.70	M1469	27.00	3.50
M2078	19.60	3.00	M0093	22.00	2.50	M0410	24.70	3.50	M1485	27.00	3.50
M0360	19.80	2.40	M0388	22.00	3.00	M0846	24.77	5.33	M1104	27.40	1.00
M1779	19.80	3.60	M1310	22.00	3.10	M0101	24.80	1.00	M1885	27.50	2.60
M1566	19.90	2.20	M0393	22.00	4.00	M0411	24.99	3.53	M0443	27.50	0.60
M0801	19.99	5.33	M1316	22.00	5.00	M0414	25.00	0.50	M0444	27.50	0.70
M0368	20.00	0.50	M2020	22.10	3.50	M0415	25.00	0.60	M0445	27.50	0.80
M0369	20.00	0.60	M1912	22.30	2.20	M0416	25.00	1.25	M0110	27.50	1.70
M0370	20.00	0.70	M1393	22.30	2.40	M0103	25.00	1.50	M0446	27.50	2.00
M0371	20.00	1.00	M1428	22.40	2.65	M0417	25.00	2.00	M0111	27.50	3.00
M1051	20.00	1.15	M0394	22.40	3.53	M1944	25.00	2.20	M0112	27.60	2.40
M0080	20.00	1.30	M0094	22.50	1.50	M0104	25.00	2.40	M1254	27.60	5.70
M0081	20.00	1.50	M1274	22.50	2.00	M0105	25.00	2.50	M1711	27.70	1.90
M1327	20.00	1.80	M1917	22.50	2.50	M1597	25.00	2.65	M1654	27.70	3.53
M0265	20.00	2.00	M2008	22.62	5.30	M0418	25.00	3.00	M1854	27.70	3.53
M0082	20.00	2.50	M1404	22.75	1.38	M1416	25.00	3.20	M0861	27.94	5.33
M1338	20.00	2.65	M0397	23.00	0.50	M1336	25.00	3.50	M0448	28.00	0.50
M1156	20.00	3.00	M0398	23.00	0.60	M0419	25.00	4.00	M0449	28.00	0.60
M0373	20.00	4.00	M0399	23.00	0.70	M0106	25.07	2.62	M0450	28.00	0.70
M0998	20.00	5.00	M0837	23.00	1.30	M0420	25.12	1.78	M0451	28.00	0.80
M0786	20.20	0.60	M0838	23.00	1.50	M0421	25.20	1.20	M1607	28.00	1.00
M0374	20.22	3.53	M0095	23.00	2.00	M2048	25.20	2.50	M0452	28.00	1.20
M0375	20.30	2.62	M0096	23.00	2.50	M2100	25.22	1.78	M0453	28.00	1.50
M0083	20.35	1.78	M0839	23.00	3.00	M1286	25.30	2.40	M0454	28.00	2.00
M1216	20.45	1.57	M1595	23.00	3.50	M0422	25.40	1.20	M1399	28.00	2.50
M1308	20.5/22	4/5.2	M0097	23.10	1.00	M1785	25.40	2.00	M1572	28.00	2.65
M1842	20.50	3.60	M0840	23.16	5.33	M0423	25.50	0.60	M0455	28.00	3.00
M0815	20.60	1.20	M2063	23.20	3.00	M0424	25.20	1.50	M1209	28.00	3.55
M1466	20.64	2.62	M1760	23.30	3.70	M1641	25.50	1.80	M0456	28.00	4.00
M0084	20.70	2.40	M0400	23.39	3.53	M2059	25.20	1.80	M1746	28.00	7.00
M0376	20.80	0.70	M1155	23.40	1.78	M0425	25.70	3.50	M1465	28.17	3.53
M0085	20.80	2.00	M0098	23.47	2.62	M1176	25.78	2.62	M0458	28.24	2.62
M0816	20.80	2.40	M1640	23.50	2.50	M1828	25.80	2.65	M0113	28.30	1.78
M1840	20.80	3.00	M1629	23.50	3.00	M1951	28.80	3.10	M0459	28.50	0.70

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M0460	28.50	0.80	M0122	32.00	2.50	M1791	36.50	2.65	M1994	42.50	3.55
M1461	28.70	3.50	M0496	32.00	3.00	M0524	36.70	1.90	M2031	42.50	3.55
M0461	29.00	0.50	M1083	32.00	3.50	M0135	37.00	1.00	M0912	42.52	2.62
M0462	29.00	0.60	M0500	32.00	4.00	M1118	37.00	1.50	M0913	42.80	0.80
M0463	29.00	0.70	M1849	32.00	5.00	M0893	37.00	2.00	M1934	43.00	3.00
M0866	29.00	2.00	M0501	32.00	6.00	M1331	37.00	2.50	M1017	43.00	3.50
M2045	29.00	2.20	M0880	32.20	0.80	M1119	37.00	3.00	M0914	43.00	4.00
M1246	29.00	2.50	M2032	32.30	3.55	M1655	37.00	3.50	M1936	43.69	3.00
M0993	29.00	3.00	M0502	32.40	0.70	M0525	37.30	1.00	M2028	43.70	3.55
M1224	29.00	3.50	M1866	32.50	1.80	M1120	37.30	3.60	M0552	43.82	5.33
M1066	29.00	5.00	M1488	32.50	2.65	M1826	37.40	1.78	M1127	44.00	2.00
M0464	29.20	0.70	M1342	32.50	3.60	M1165	37.47	3.00	M1513	44.00	2.50
M1105	29.30	1.60	M1282	32.67	1.78	M0526	37.47	5.33	M0916	44.00	3.00
M0465	29.40	3.10	M0881	32.69	5.33	M0137	3.47	6.99	M0553	44.00	4.00
M0466	29.50	0.50	M0503	32.70	0.80	M0527	37.50	1.75	M0554	44.04	3.53
M0467	29.50	0.60	M0121	32.92	3.53	M0529	37.50	2.65	M0917	44.12	2.62
M0468	29.50	0.70	M0123	32.99	2.62	M0528	37.69	3.53	M0146	44.17	1.78
M2081	29.50	2.00	M0504	33.00	0.80	M1653	37.70	3.50	M1563	44.20	0.80
M0867	29.51	5.33	M0124	33.00	1.50	M0136	37.82	1.78	M0555	44.40	3.10
M1106	29.70	2.95	M1780	33.00	2.00	M1121	38.00	1.50	M0918	44.70	3.50
M0469	29.70	3.50	M1015	33.00	2.50	M0531	38.00	2.00	M1716	45.00	1.00
M0691	29.74	3.53	M0125	33.00	3.00	M0532	38.00	2.30	M2095	45.00	1.80
M0470	29.82	2.62	M1114	33.00	3.50	M1798	38.00	2.60	M0919	45.00	2.00
M0114	29.87	1.78	M0885	33.00	4.00	M0530	38.00	3.00	M0556	45.00	2.50
M0477	30.00	0.50	M1687	33.00	7.00	M1598	38.00	3.50	M1793	45.00	2.65
M0478	30.00	0.60	M0505	33.05	1.78	M0533	38.00	4.00	M0557	45.00	3.00
M0479	30.00	0.70	M0506	33.20	0.70	M1122	38.00	5.00	M1718	45.00	3.55
M0480	30.00	0.90	M1385	33.30	2.40	M1309	38.540	5/7	M0920	45.00	4.00
M1392	30.00	1.00	M1888	33.30	2.70	M0895	38.50	1.00	M0994	45.00	5.00
M1044	30.00	1.30	M0507	33.50	0.80	M0534	38.50	1.80	M0558	45.00	6.00
M0872	30.00	1.50	M0126	33.50	1.50	M1027	38.50	2.00	M0147	45.50	1.50
M1891	30.00	1.80	M0508	33.70	3.50	M1873	38.70	2.65	M0921	45.69	2.62
M0119	30.00	2.00	M0509	33.80	0.60	M1255	38.70	3.50	M1747	45.70	3.50
M0873	30.00	2.50	M1939	33.80	2.80	M1353	38.80	1.90	M0148	46.00	1.00
M1500	30.00	2.65	M0511	34.00	0.70	M0899	39.00	2.00	M0149	46.00	2.00
M0481	30.00	3.00	M0512	34.00	1.00	M1931	39.00	3.00	M1276	46.00	2.50
M1455	30.00	3.50	M0257	34.00	2.00	M1630	39.00	3.50	M1599	46.00	3.00
M0482	30.00	4.00	M1743	34.00	2.50	M1952	39.00	4.00	M1050	46.00	3.50
M1151	30.00	4.50	M0510	34.00	3.00	M0535	39.34	2.62	M0559	46.50	0.60
M0874	30.00	5.00	M1925	34.00	3.10	M0536	39.40	3.10	M0150	46.99	5.33
M0483	30.00	6.00	M1391	34.00	3.50	M0537	39.45	1.78	M0153	47.00	1.50
M2009	30.07	5.30	M0886	34.00	4.00	M1903	40.00	1.00	M1848	47.00	1.80
M1362	30.50	32.80	M0887	34.29	5.33	M0542	40.00	1.20	M1128	47.00	2.00
M0484	30.80	3.20	M0513	34.40	3.10	M1124	40.00	1.50	M0653	47.00	2.50
M1072	30.80	3.60	M0514	34.50	0.80	M2094	40.00	1.80	M1796	47.00	3.00
M0877	31.00	0.50	M0515	34.52	3.53	M0543	40.00	2.00	M1426	47.00	5.00
M0485	31.00	0.80	M1355	34.59	2.62	M0995	40.00	2.50	M0152	47.22	3.53
M1514	31.00	1.50	M0127	34.60	2.62	M1871	40.00	2.65	M0923	47.29	2.62
M1318	31.00	2.00	M0128	34.65	1.78	M0544	40.00	3.00	M0924	47.35	1.78
M1384	31.00	2.50	M1857	34.70	3.50	M0538	40.00	3.55	M0154	47.45	4.00
M1935	31.00	2.65	M0516	34.80	2.03	M0905	40.00	4.00	M1320	47.50	1.80
M1110	31.00	3.00	M2012	34.94	15.98	M1125	40.00	5.00	M0925	47.60	5.70
M1401	31.00	3.20	M0517	35.00	1.00	M0545	40.00	6.00	M0560	47.70	3.50
M1111	31.00	4.00	M0518	35.00	2.00	M0906	40.50	0.80	M0155	48.00	1.90
M0486	31.10	0.70	M0129	35.00	2.50	M0907	40.50	0.90	M0561	48.00	2.00
M0487	31.12	5.33	M0130	35.00	3.00	M0546	40.64	5.33	M1889	48.00	2.50
M0878	31.20	3.50	M1116	35.00	3.50	M0143	40.87	3.53	M0926	48.00	3.00
M0488	31.30	0.80	M0519	35.00	4.00	M0142	40.94	2.62	M1129	48.00	4.00
M0489	31.34	3.53	M1071	35.00	5.00	M0144	41.00	1.78	M1662	48.70	1.80
M2026	31.40	2.25	M0520	35.00	6.00	M0548	41.00	2.00	M1305	48.70	3.50
M0120	31.42	2.62	M1512	35.50	2.65	M0549	41.00	2.50	M0156	48.90	2.62
M0490	31.47	1.78	M1117	35.60	3.60	M1218	41.00	3.50	M1130	49.00	2.00
M0491	31.50	0.70	M0521	35.70	3.50	M0547	41.00	4.00	M1131	49.00	3.00
M1509	31.50	3.00	M0522	36.00	1.50	M1242	41.28	3.53	M0927	49.60	5.70
M0492	31.50	5.00	M0894	36.00	1.78	M1953	41.50	5.20	M0928	49.70	3.50
M0493	31.60	0.80	M0131	36.00	2.00	M1792	41.70	2.65	M0565	50.00	1.00
M0494	31.70	0.70	M0132	36.00	3.00	M1943	41.80	3.50	M2024	50.00	1.50
M0495	31.70	3.50	M1150	36.00	5.00	M0145	42.00	1.00	M1174	50.00	1.80
M0497	32.00	0.70	M0523	36.09	3.53	M0550	42.00	1.50	M0566	50.00	2.00
M0498	32.00	0.80	M0133	36.17	2.62	M0910	42.00	2.00	M1458	50.00	2.50
M0499	32.00	1.60	M1467	36.27	1.78	M1340	42.00	2.50	M0567	50.00	3.00
M1429	32.00	2.00	M0134	36.30	1.50	M0911	42.00	3.00	M1132	50.00	3.50
M2046	32.00	2.20	M1332	36.50	1.78	M0551	42.00	6.00	M0931	50.00	4.00



支持尺寸定制
Customizable

单位: 毫米
Unit: mm

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M0932	50.00	5.00	M0177	59.00	3.50	M0962	69.40	3.10	M0625	80.00	2.50
M0164	50.17	5.33	M1418	59.36	0.50	M0599	69.44	3.53	M2040	80.00	2.65
M0933	50.39	3.53	M0947	59.40	3.10	M0600	69.50	2.62	M0626	80.00	3.00
M0934	50.47	2.62	M1887	59.60	5.70	M0193	69.57	1.78	M0627	80.00	4.00
M1264	50.50	1.50	M0948	59.92	3.53	M0963	69.60	5.70	M1065	80.00	5.00
M0165	50.52	1.78	M0949	59.99	2.62	M0610	70.00	2.00	M0628	80.00	6.00
M1898	50.80	3.00	M1988	60.00	1.50	M0611	70.00	3.00	M1818	80.29	3.53
M1996	51.30	3.55	M0588	60.00	2.00	M1021	70.00	3.50	M1214	80.60	2.65
M0568	51.82	1.52	M0952	60.00	2.50	M0612	70.00	4.00	M1874	81.00	3.55
M0166	52.00	1.50	M0589	60.00	3.00	M1042	70.00	5.00	M0981	81.92	5.33
M0569	52.00	2.00	M1981	60.00	3.55	M0613	70.00	6.00	M1164	82.00	7.00
M0683	52.00	2.62	M0590	60.00	4.00	M1752	71.00	3.00	M0982	82.14	3.53
M0935	52.00	3.00	M0591	60.05	1.78	M1712	71.00	3.50	M0220	82.22	2.62
M0936	52.00	4.00	M0187	60.07	7.95	M1053	71.00	5.00	M0221	82.27	1.78
M0937	52.07	2.62	M1183	61.00	2.00	M0614	71.12	2.62	M0222	82.42	3.56
M1070	52.60	5.70	M1482	61.00	2.50	M1806	71.80	2.72	M1860	83.00	2.00
M0167	53.00	1.00	M2052	61.00	2.80	M1271	72.00	3.00	M1643	83.00	2.50
M0168	53.00	2.00	M1751	61.17	3.10	M1997	72.00	3.55	M1186	84.00	2.62
M1603	53.00	3.00	M0953	61.60	2.62	M1233	72.00	4.00	M1024	84.00	3.00
M0938	53.34	5.33	M2087	62.00	1.00	M0968	72.39	5.33	M1933	84.00	3.50
M1293	53.40	2.80	M1341	62.00	2.00	M0969	72.62	3.53	M1073	84.40	3.10
M0169	53.50	1.20	M1724	62.00	3.50	M0206	72.69	2.62	M0983	84.60	5.70
M0170	53.57	3.53	M0592	62.00	6.00	M0970	72.75	1.78	M1650	85.00	1.50
M0939	53.64	2.62	M0258	62.60	2.72	M1781	73.00	2.00	M0629	85.00	2.00
M1068	53.70	1.78	M0954	62.87	5.33	M1141	73.00	2.50	M0630	85.00	3.00
M0172	54.00	1.00	M1061	63.00	2.00	M1236	73.00	3.00	M1475	85.00	3.50
M1134	54.00	2.00	M1360	63.00	2.20	M1142	73.00	3.50	M0631	85.00	4.00
M1434	54.00	2.50	M1057	63.00	2.50	M1006	73.00	4.00	M0632	85.00	6.00
M1177	54.00	2.70	M1166	63.00	2.62	M0207	74.00	1.80	M0633	85.09	5.33
M0570	54.00	3.00	M0188	63.00	3.00	M1350	74.00	2.00	M0634	85.32	3.53
M1909	54.50	3.55	M1138	63.00	3.50	M1414	74.00	2.50	M1230	86.00	3.50
M1664	54.60	2.40	M1040	63.00	4.00	M0971	74.00	3.00	M1144	86.00	4.00
M1886	54.60	5.70	M0955	63.09	3.53	M1408	74.10	5.80	M2076	87.00	2.15
M0940	55.00	2.00	M0593	63.17	2.62	M0972	74.60	5.70	M1671	87.00	3.00
M0571	55.00	3.00	M0189	63.22	1.78	M0616	75.00	2.00	M1343	87.00	3.60
M0572	55.00	4.00	M0190	64.00	2.00	M1927	75.00	2.50	M0223	88.00	1.50
M0573	55.25	2.62	M1665	64.00	2.70	M1947	75.00	2.65	M1002	88.00	2.00
M0941	55.40	1.60	M0594	64.40	3.10	M0617	75.00	3.00	M1029	88.00	3.00
M0173	55.50	1.30	M1556	64.75	1.78	M1349	75.00	3.50	M1009	88.00	4.00
M1460	55.60	5.70	M0191	64.77	2.62	M0618	75.00	4.00	M0635	88.27	5.33
M1670	56.00	1.80	M1160	64.80	1.80	M0619	75.00	6.00	M0984	88.49	3.53
M0942	56.00	2.00	M0595	65.00	2.00	M0208	75.57	5.33	M0224	88.57	2.62
M1173	56.00	2.65	M1153	65.00	2.65	M0973	75.79	3.53	M0636	88.62	1.78
M0574	56.00	6.00	M0596	65.00	3.00	M0974	75.87	2.62	M0637	89.40	3.10
M0943	56.52	5.33	M1856	65.00	3.50	M0209	75.92	1.78	M0985	89.60	5.70
M0174	56.74	3.53	M1139	65.00	4.00	M1220	76.00	2.00	M1616	90.00	1.50
M0575	56.82	2.62	M1980	66.00	2.00	M1387	76.00	2.50	M1146	90.00	2.00
M0576	56.87	1.78	M0957	66.04	5.33	M1143	76.00	3.00	M1805	90.00	2.62
M1704	57.00	3.55	M0958	66.27	3.53	M0999	76.00	5.00	M0648	90.00	3.00
M0577	57.00	1.50	M0192	66.34	2.62	M1294	76.40	2.80	M1018	90.00	3.50
M0944	57.00	2.00	M0959	66.40	1.78	M1379	77.00	1.50	M0649	90.00	4.00
M1135	57.00	4.00	M1140	66.60	5.70	M0342	77.00	2.00	M0650	90.00	6.00
M1200	57.20	2.62	M1046	67.00	2.00	M1261	77.00	4.00	M0651	91.44	5.33
M1901	57.50	3.50	M1154	67.00	2.65	M1995	77.50	3.55	M0987	91.67	3.53
M0945	57.60	5.70	M1999	67.00	3.55	M0210	78.00	2.00	M1651	92.00	2.50
M0175	58.00	1.40	M0597	67.95	2.62	M0975	78.00	2.50	M1234	92.00	4.00
M1005	58.00	2.00	M1438	68.00	1.50	M0997	78.00	3.00	M0988	92.00	5.00
M1026	58.00	3.00	M1252	68.00	2.50	M0976	78.00	4.00	M0652	92.00	7.00
M1028	58.00	3.50	M0960	68.00	4.00	M0620	78.74	5.33	M1941	93.00	1.80
M1007	58.00	4.00	M0598	68.00	6.00	M0977	78.97	3.53	M1510	93.00	2.00
M1241	58.00	5.00	M2053	68.26	3.53	M0211	79.00	1.78	M1020	93.00	3.50
M0176	58.42	2.62	M1198	68.50	2.62	M1982	79.00	3.00	M0989	94.00	2.00
M1306	58.60	5.70	M2025	68.80	2.75	M0212	79.40	3.10	M1652	94.00	2.50
M1161	58.80	1.80	M1799	69.00	2.00	M1902	79.60	5.70	M1412	94.00	4.00
M1136	59.00	2.00	M1056	69.00	3.50	M0213	79.63	3.53	M1069	94.40	3.10
M0946	59.00	3.00	M0961	69.22	5.33	M0624	80.00	2.00	M0990	94.60	5.70

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M0654	94.62	5.33	M0722	120.02	6.99	M0302	140.00	4.00	M0336	170.00	3.00
M0991	94.84	3.53	M0279	120.24	3.53	M1022	140.00	5.00	M2033	170.00	3.50
M0233	94.87	1.78	M0028	120.32	2.62	M1462	141.09	1.90	M0337	170.00	4.00
M0234	95.00	2.00	M0723	120.37	1.78	M1297	142.00	3.50	M0338	170.00	6.00
M0992	95.00	2.65	M1560	121.00	2.50	M1722	142.00	4.30	M0339	170.82	5.33
M0655	95.00	3.00	M1295	121.00	3.00	M0303	142.00	6.00	M0784	170.82	6.99
M0656	95.00	4.00	M1189	122.00	2.65	M0752	142.24	5.33	M0341	171.04	3.53
M0657	95.00	6.0	M1080	122.00	3.56	M0753	142.24	6.99	M0785	171.12	2.62
M0431	95.76	3.45	M0029	122.30	4.60	M0744	142.44	5.33	M1087	174.50	8.40
M1892	96.00	3.00	M0280	123.00	6.00	M0043	142.47	3.53	M1958	175.00	5.30
M1612	97.00	4.35	M0281	123.19	5.33	M0304	143.70	4.00	M0787	177.17	5.33
M1064	97.00	5.00	M0724	123.19	6.99	M1713	143.80	2.70	M0788	177.17	6.99
M1323	97.50	3.10	M0282	123.42	3.53	M1055	144.00	4.00	M0789	177.39	3.53
M2088	97.50	3.55	M0725	124.40	3.10	M0754	144.40	3.10	M0790	177.47	2.62
M0664	97.79	5.33	M0726	124.60	5.70	M0755	144.60	5.70	M1966	179.50	2.45
M1133	98.00	2.00	M1835	125.00	2.65	M0305	145.00	3.00	M0792	180.00	3.00
M1333	98.00	4.00	M0283	125.00	3.00	M0756	145.00	4.00	M0351	180.00	4.00
M1109	98.00	5.00	M0284	125.00	4.00	M1019	145.00	5.00	M0352	180.00	6.00
M0026	98.02	3.53	M1010	125.00	5.00	M0757	145.00	5.30	M1188	181.25	2.50
M2089	99.00	1.20	M1894	126.00	5.50	M1464	145.02	3.82	M1187	183.40	2.15
M0647	99.40	3.10	M0727	126.37	5.33	M0044	145.16	3.96	M0793	183.52	5.33
M0019	110.00	2.15	M0728	126.37	6.99	M0758	145.42	6.99	M0794	183.52	6.99
M1491	110.00	2.50	M0729	126.59	3.53	M0759	145.64	3.53	M0795	183.74	3.53
M1998	110.00	2.65	M0730	126.67	2.62	M0760	145.72	2.62	M0072	183.82	2.62
M0684	110.00	3.00	M0731	126.72	1.78	M1813	146.20	3.10	M1089	185.00	3.00
M1423	110.00	3.56	M1924	127.10	2.40	M1368	148.00	3.00	M1052	185.00	5.00
M0262	110.00	4.00	M1986	128.00	2.00	M1298	148.00	3.50	M1558	189.50	8.40
M0686	110.00	6.00	M2018	128.00	3.00	M0306	148.00	6.00	M0796	189.87	5.33
M0707	110.49	5.33	M0285	128.00	6.00	M0307	148.59	5.33	M0797	189.87	6.99
M0687	110.72	3.53	M0736	129.00	3.15	M0761	148.59	6.99	M0802	190.00	4.00
M1930	110.75	2.40	M1797	129.40	3.10	M0762	148.82	3.53	M1011	190.00	5.00
M1359	112.00	2.00	M0732	129.50	2.40	M1869	149.20	5.30	M0361	190.00	6.00
M1672	112.00	3.00	M0286	129.54	5.33	M0763	149.30	5.70	M0803	190.09	3.53
M2017	112.00	3.55	M0733	129.54	6.99	M2037	149.50	2.40	M0804	190.17	2.62
M1895	112.50	3.05	M0734	129.60	5.70	M1036	150.00	2.00	M0805	195.00	4.00
M2043	113.00	2.50	M0735	129.77	3.53	M0316	150.00	3.00	M1959	195.00	5.30
M1490	113.00	3.10	M1456	130.00	2.00	M0317	150.00	4.00	M0362	196.22	5.33
M0709	113.67	6.99	M0294	130.00	3.00	M1685	150.00	5.00	M0806	196.22	6.99
M0710	113.89	3.53	M1916	130.00	3.20	M1542	150.00	5.30	M0807	196.44	3.53
M0688	113.97	2.62	M1163	130.00	3.50	M0318	150.00	6.00	M0808	196.52	2.62
M1851	114.00	2.00	M0295	130.00	6.00	M0768	151.77	5.33	M1783	199.30	5.70
M1179	114.00	2.50	M1955	131.20	2.75	M0769	151.77	6.99	M1091	200.00	3.00
M1190	114.00	2.65	M1370	131.50	3.00	M0770	151.99	3.53	M0377	200.00	6.00
M2098	114.00	2.72	M1082	132.00	4.00	M0771	152.07	2.62	M0378	202.57	5.33
M0689	114.00	6.00	M0739	132.72	5.33	M0319	153.00	6.00	M0817	202.57	6.99
M0711	114.02	1.78	M0740	132.72	6.99	M1821	154.00	3.10	M0086	202.79	3.53
M0712	114.40	3.10	M0741	132.94	3.53	M1074	154.30	5.70	M0818	202.87	2.62
M0713	114.60	5.70	M1330	133.00	4.00	M1084	154.50	8.40	M1033	203.00	3.00
M0690	115.00	3.00	M0035	133.02	2.62	M1085	155.00	2.00	M1600	208.00	6.00
M2050	115.00	3.55	M0036	133.07	1.78	M0772	155.00	3.00	M0819	208.92	5.33
M2099	115.10	2.00	M1938	134.00	2.50	M1666	155.00	3.55	M0820	209.14	3.53
M1180	116.00	3.00	M1275	134.40	3.10	M1957	155.00	5.30	M0379	209.22	2.62
M1878	116.00	3.05	M0742	134.60	5.70	M1789	155.90	2.72	M1427	209.30	5.70
M1078	116.00	4.00	M0296	135.00	3.00	M1366	156.00	2.00	M1092	209.50	8.40
M1152	116.30	1.80	M1875	135.50	2.00	M0773	158.12	5.33	M1049	210.00	5.00
M1511	116.70	3.12	M0743	135.89	5.33	M0774	158.12	6.99	M0387	210.00	6.00
M1199	116.80	1.80	M0297	135.89	6.99	M0052	158.34	3.53	M0825	215.27	5.33
M0020	116.84	5.33	M0745	136.12	3.53	M0775	158.42	2.62	M0826	215.27	6.99
M0714	116.84	6.99	M1463	138.00	2.00	M0320	159.00	6.00	M0827	215.49	3.53
M0715	117.07	3.53	M1723	138.00	2.00	M1811	159.30	5.70	M0828	215.57	2.62
M1184	117.25	3.10	M1742	138.00	2.00	M1923	160.00	2.00	M1394	219.30	5.70
M1013	118.00	2.00	M1709	138.00	4.30	M1861	160.00	2.50	M1031	220.00	3.00
M1474	118.00	3.50	M0298	138.00	6.00	M0326	160.00	3.00	M1023	220.00	5.00
M1782	119.00	2.72	M1853	139.00	3.30	M0327	160.00	4.00	M0395	220.00	6.00
M1329	119.00	4.00	M0746	139.07	5.33	M1738	164.00	2.00	M0830	221.62	5.33
M0716	119.40	3.10	M0747	139.29	3.53	M0778	164.47	5.33	M0831	221.84	3.53
M1079	119.48	3.15	M0748	139.37	2.62	M0779	164.47	6.99	M0832	221.92	2.62
M0717	119.60	5.70	M1720	139.40	3.10	M1086	164.50	8.40	M0833	227.97	5.33
M0276	120.00	3.00	M0749	139.60	5.70	M0780	164.69	3.53	M0834	227.97	6.99
M0277	120.00	4.00	M1985	140.00	2.00	M0781	164.77	2.62	M0835	228.20	3.53
M1016	120.00	5.00	M1926	140.00	2.65	M1386	165.00	3.00	M0836	228.27	2.62
M0278	120.00	6.00	M0301	140.00	3.00	M1686	169.30	5.70	M0396	228.35	1.78
M0721	120.02	5.33	M1905	140.00	3.55	M1984	170.00	2.00	M0401	230.00	6.00

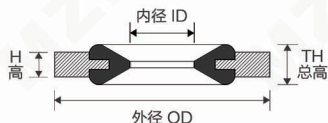


支持尺寸定制
Customizable

单位: 毫米
Unit: mm

编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S	编号 NO	内径 ID	线径 C/S
M1433	232.60	7.20	M0854	253.37	6.99	M0869	291.69	3.53	M0898	380.59	3.53
M0842	234.32	5.33	M0855	253.59	3.53	M1108	295.00	3.00	M0900	393.07	6.99
M1093	234.50	8.40	M1149	255.00	5.00	M0875	304.17	6.99	M1123	399.50	8.40
M0843	234.54	3.53	M1100	259.50	8.40	M0876	304.39	3.53	M1054	400.00	5.00
M0844	234.62	2.62	M1489	260.00	3.00	M1112	310.00	5.00	M0908	405.26	3.53
M1960	236.00	5.30	M0858	266.07	5.33	M1113	314.50	8.40	M0930	405.26	5.33
M0847	240.00	3.00	M0859	266.07	6.99	M0879	316.87	6.99	M0909	405.26	6.99
M0412	240.00	6.00	M0860	266.29	3.53	M1962	325.00	5.30	M1126	430.66	35.30
M1098	240.02	5.33	M1103	269.50	8.40	M0882	329.57	5.33	M0915	430.66	5.33
M1099	240.67	5.33	M0447	270.00	4.00	M0883	329.57	6.99	M1963	450.00	7.00
M0848	240.67	6.99	M0862	270.00	6.00	M0884	329.79	3.53	M1032	456.06	3.53
M0413	240.89	3.53	M1977	275.00	4.00	M1115	334.50	8.40	M0922	456.06	5.33
M0849	240.97	2.62	M0863	278.77	5.33	M0888	342.27	6.99	M1035	481.46	5.33
M0102	246.56	5.38	M0864	278.77	6.99	M0890	354.97	6.99	M1000	500.00	4.00
M0850	247.24	3.53	M0865	278.99	3.53	M0889	355.00	5.30	M1037	506.86	5.33
M0851	247.32	2.62	M1478	280.00	6.00	M0891	355.19	3.53	M1038	532.26	5.33
M1014	250.00	3.00	M1961	290.00	5.30	M0892	367.67	6.99			
M0426	250.00	6.00	M1107	291.40	6.94	M0896	380.37	5.33			
M0853	253.37	5.33	M0868	291.47	5.33	M0897	380.37	6.99			

华司油封尺寸表 BONDED SEAL SIZE TABLE



支持尺寸定制
Customizable

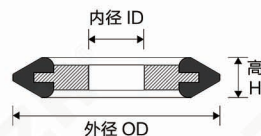
单位: 毫米
Unit: mm

编号 NO	内径 ID	外径 OD	高 H	总高 TH	编号 NO	内径 ID	外径 OD	高 H	总高 TH
M10512	8.00	16.00	1.20	2.00	M12088	14.20	23.60	1.20	2.00
M12066	8.13	16.00	1.20	1.93	M10583	15.35	28.05	1.20	2.00
M12065	10.84	19.30	1.20	1.83	M10514	15.50	23.60	1.20	2.00
M10513	11.00	19.00	1.20	2.00	M12085	17.00	31.80	1.20	2.00

编号 NO	内径 ID	外径 OD	高 H
M012103	6.00	13.50	2.05
M012104	10.00	17.50	2.05
M012139	13.00	21.00	2.05

金属
METAL

橡胶
RUBBER



注:

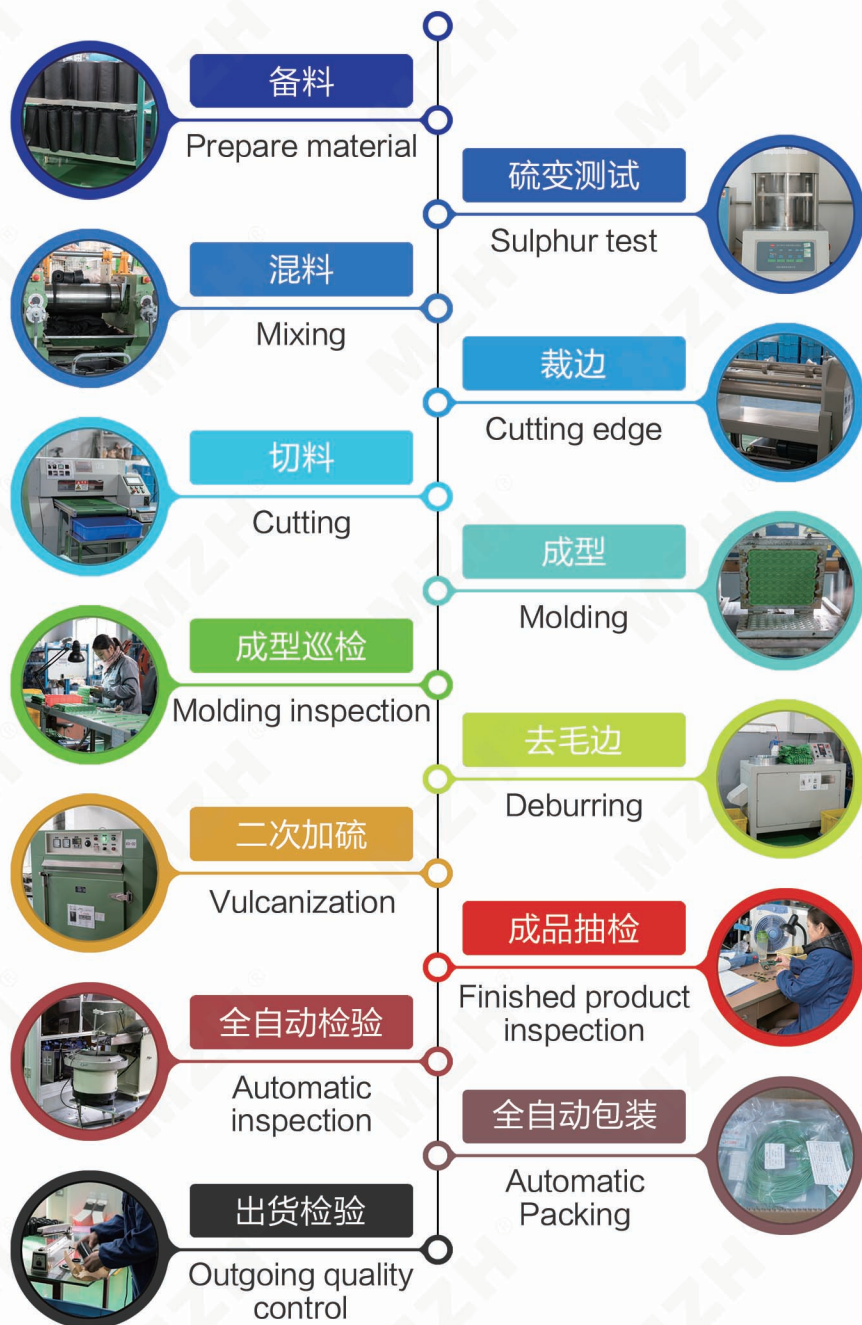
- 1、本表更新至2018年12月31日。
- 2、所列尺寸均为现有模具尺寸，如无可定制。

Notice:

1. These tables are updated in Dec 31, 2018.
2. We can customize the size you want if it is not in the table.

生产流程示意图

PEODUCTION FLOW CHART



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