

# PVC-U/C PIPE / FITTING / VALVE FOR INDUSTRY



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# ABOUT US

PVC-U/C PIPE/FITTING/VALVE  
FOR INDUSTRY

EXPERT IN PIPING SYSTEM



## ▶ Brief introduction

Huasheng Pipeline Technology Co.,Ltd is established in 1988. As a technical leader with over 30 years' experience, Huasheng specializes in moulding, precision injection, UPVC, CPVC, PE, PPH, PVDF pipes, fittings and valves in DIN, ASTM, JIS, BS standards for water supply and chemical industry, with ISO, NSF, SGS certificates. The company has two brands - "HUASHENG" and "CENIT" for different product series.

## ▶ Company strength

Huasheng Pipeline Technology Co., Ltd operates two modern factories of 200,000 square meters, with 30 pipe extruding lines, 80 mechanical processing equipment, 200 injection machines, and 400 employees. The annual production has reached a sales turnover of USD 50,000,000, annual production capacity has exceeded over 80,000 tons, and storage is over 10,000,000 USD.

## ▶ Credit & honor

Quality takes most important role for enterprise developing, Huasheng has a professional team to keep quality before cargo leaving factory. Mass production must be started until small-lot testing qualified. Quality assurance streamlines production and helps to ensure that the final products meet the company's quality criteria. It ensures that the processes used to design, test, and produce products will be correctly done.

Now Huasheng is the core members of China Plastics Processing Committee of Plastic Pipeline, China Electronic Materials Association, China Chlor-Alkali Industry Association, China Electronic Circuit Industry Association, and is the supporting unit for Jiangsu Province Plastic Pipeline Engineering Technology Center.



# CERTIFICATIONS

Customer first, quality assurance, environmentally friendly, customer satisfaction.



CENIT BRAND CERTIFICATE FOR PLASTIC PIPE AND FITTING



HUASHENG BRAND CERTIFICATE FOR PLASTIC VALVE



CENIT BRAND CERTIFICATE FOR PLASTIC VALVE



HUASHENG BRAND CERTIFICATE FOR PLASTIC PIPE AND FITTING





# PRODUCT CATEGORY

## ▶ Pipe of water supply/chemical industry/equipment grade

20mm~800mm  
S4/S5/S6.3/S8/S10/S12.5/S16/S20  
1/2"-24"  
SCH40/SCH80



PIPE

## ▶ Fitting of water supply/chemical industry/equipment grade

(PN10、PN12.5、PN16)  
Fitting with rubber ring 63mm~355mm  
Cement type pipe fitting (PN10、PN12.5、PN16)  
20mm~500mm SCH80 1/2"-16"



PIPE FITTING

## ▶ Valve

Ball valve(socket/threaded)  
20mm~110mm; 1/2"~4"  
True union ball valve(handle/pneumatic/electric type)  
20mm~110mm; 1/2"~4" 16A~100A  
Butterfly valve(handle/gear/pneumatic/electric type)  
63mm~400mm; 2"~16" 50A~318A  
Diaphragm valve(flange/socket/union socket type)  
20mm~160mm; 1/2"~6" 16A~50A  
Check valve(single union/true union/swinging type)  
20mm~160mm; 1/2"~6" 16A~100A  
Bottom valve(union/swinging type)  
20mm~160mm



VALVE

# APPLICATION





PIPE



# SERIES AND SIZE OF UPVC PIPE FOR INDUSTRY

## Pipe introduction

### Characteristic of UPVC pipe

1. Good Physical and chemical properties, good chemicals and drugs resistance; Small block to fluidity; Strong mechanical strength; long service life.
2. Light weight, easy to load, unload and installation.
3. The pipe inner wall surface is smooth, flow is quick, and less breakdown.
4. UPVC pipe is more cost saved if compare with metal pipe, and maintenance cost is low.

## PARAMETERS Brand: HUASHENG

GB/T 4219.1-2008(ISO 15493) unit:mm

Nominal Outside Diameter Dc	Dimensions (mm)														
	S20 / SDR41		S16 / SDR33		S12.5 / SDR26		S10 / SDR21		S8 / SDR17		S6.3 / SDR13.6		S5 / SDR11		
	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	
16	-	-	-	-	-	-	-	-	-	-	-	-	2.0	+0.4	
20	-	-	-	-	-	-	-	-	-	-	-	-	2.0	+0.4	
25	-	-	-	-	-	-	-	-	-	-	2.0	+0.4	2.3	+0.5	
32	-	-	-	-	-	-	-	2.0	+0.4	2.4	+0.5	3.0	+0.5	3.7	+0.6
40	-	-	-	-	2.0	+0.4	2.4	+0.5	3.0	+0.5	3.7	+0.6	4.6	+0.7	
50	-	-	2.0	+0.4	2.5	+0.5	3.0	+0.5	3.8	+0.6	4.7	+0.7	5.8	+0.8	
63	-	-	2.3	+0.5	2.9	+0.5	3.6	+0.6	4.5	+0.7	5.6	+0.8	6.8	+0.9	
75	-	-	2.8	+0.5	3.5	+0.6	4.3	+0.7	5.4	+0.8	6.7	+0.9	8.2	+1.1	
90	-	-	3.4	+0.6	4.2	+0.7	5.3	+0.8	6.6	+0.9	8.1	+1.1	10.0	+1.2	
110	-	-	3.9	+0.6	4.8	+0.7	6.0	+0.8	7.4	+1.0	9.2	+1.2	11.4	+1.4	
125	-	-	4.3	+0.7	5.4	+0.8	6.7	+0.9	8.3	+1.1	10.3	+1.3	12.7	+1.5	
140	4.0	+0.6	4.9	+0.7	6.2	+0.9	7.7	+1.0	9.5	+1.2	11.8	+1.4	14.6	+1.7	
160	4.4	+0.7	5.5	+0.8	6.9	+0.9	8.6	+1.1	10.7	+1.3	13.3	+1.6	16.4	+1.9	
180	4.9	+0.7	6.2	+0.9	7.7	+1.0	9.6	+1.2	11.9	+1.4	14.7	+1.7	18.2	+2.1	
200	5.5	+0.8	6.9	+0.9	8.6	+1.1	10.8	+1.3	13.4	+1.6	16.6	+1.9	-	-	
225	6.2	+0.9	7.7	+1.0	9.6	+1.2	11.9	+1.4	14.8	+1.7	18.4	+2.1	-	-	
250	6.9	+0.9	8.6	+1.1	10.7	+1.3	13.4	+1.6	16.6	+1.9	20.6	+2.3	-	-	
280	7.7	+1.0	9.7	+1.2	12.1	+1.5	15.0	+1.7	18.7	+2.1	23.2	+2.6	-	-	
315	8.7	+1.1	10.9	+1.3	13.6	+1.6	16.9	+1.9	21.1	+2.4	26.1	+2.9	-	-	
355	9.8	+1.2	12.3	+1.5	15.3	+1.8	19.1	+2.2	23.7	+2.6	29.4	+3.2	-	-	
400	11.0	+1.3	13.8	+1.6	17.2	+2.0	21.5	+2.4	26.7	+3.0	33.1	+3.6	-	-	
450	12.3	+1.5	15.3	+1.8	19.1	+2.2	23.9	+2.6	29.7	+3.2	36.8	+3.9	-	-	
500	13.7	+1.6	17.2	+2.0	21.4	+2.4	26.7	+2.9	-	-	-	-	-	-	
560	15.4	+1.8	19.3	+2.2	24.1	+2.7	30.0	+3.2	-	-	-	-	-	-	
630	17.4	+2.0	21.8	+2.4	27.2	+3.0	-	-	-	-	-	-	-	-	
710	19.6	+2.2	24.5	+2.7	30.6	+3.3	-	-	-	-	-	-	-	-	
800															

Remark: The minimum wall thickness is no less than 2.0mm for security.  
The size should conform to GB/T10798 unless otherwise specified.

# (ASTM)UPVC PIPE

## SCH40

## PARAMETERS Brand: CENIT

ASTM D1785 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	2.77	21.34	0~+0.51
3/4"	2.87	26.67	0~+0.51
1"	3.38	33.4	0~+0.51
1-1/4"	3.56	42.16	0~+0.51
1-1/2"	3.68	48.26	0~+0.51
2"	3.91	60.32	0~+0.51
2-1/2"	5.16	73.02	0~+0.61
3"	5.49	88.9	0~+0.66
4"	6.02	114.3	0~+0.71
5"	6.55	141.3	0~+0.79
6"	7.11	168.28	0~+0.79
8"	8.18	219.08	0~+0.86
10"	9.27	273.05	0~+1.12
12"	10.31	323.85	0~+1.24
14"	11.10	355.6	0~+1.35
16"	12.70	406.4	0~+1.52
18"	14.27	457.2	0~+1.7
20"	15.06	508	0~+1.8
24"	17.45	609.6	0~+2.08

## SCH80

## PARAMETERS Brand: CENIT

ASTM D1785 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	3.73	21.34	0~+0.51
3/4"	3.91	26.67	0~+0.51
1"	4.55	33.4	0~+0.53
1-1/4"	4.85	42.16	0~+0.58
1-1/2"	5.08	48.26	0~+0.61
2"	5.54	60.32	0~+0.66
2-1/2"	7.01	73.02	0~+0.84
3"	7.62	88.9	0~+0.91
4"	8.56	114.3	0~+1.02
5"	9.52	141.3	0~+1.14
6"	10.97	168.28	0~+1.32
8"	12.70	219.08	0~+1.52
10"	15.06	273.05	0~+1.80
12"	17.45	323.85	0~+2.08
14"	19.05	355.6	0~+2.29
16"	21.41	406.4	0~+2.57
18"	23.8	457.2	0~+2.84
20"	26.19	508	0~+3.15
24"	30.94	609.6	0~+3.71

## SERIES AND SIZE OF CPVC PIPE FOR INDUSTRY

### Pipe introduction

#### Characteristic of CPVC pipe

- 1.CPVC is chlorination modified by Polyvinyl Chloride (PVC) resin, is a new type of engineering plastic. The product is gray or light yellow, odorless, non-toxic loose particles or powder. After chlorination of PVC resin, the irregularity of molecular bonds increases; the polarity increases; the solubility increases; the chemical stability increases; the heat resistance increases.
- 2.CPVC pipe is a product mainly made of chlorinated polyvinyl chloride resin material, with necessary additives to improve its processing performance, and formed by extrusion (pipe) or injection (pipe fitting).

### PARAMETERS

Brand: HUASHENG

GB/T 18998.2-2003 (ISO15493) unit:mm

Nominal Outside Diameter Dc	Dimensions (mm)							
	S10 / SDR21		S6.3 / SDR13.6		S5 / SDR11		S4 / SDR9	
	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance	E <sub>min</sub>	Tolerance
20	2.0(0.96)*	0~+0.4	2.0(1.5)*	0~+0.4	2.0(1.9)*	0~+0.4	2.3	0~+0.5
25	2.0(1.2)*	0~+0.4	2.0(1.9)*	0~+0.4	2.3	0~+0.5	2.8	0~+0.5
32	2.0(1.6)*	0~+0.4	2.4	0~+0.5	2.9	0~+0.5	3.6	0~+0.6
40	2.0(1.9)*	0~+0.4	3.0	0~+0.5	3.7	0~+0.6	4.5	0~+0.7
50	2.4	0~+0.5	3.7	0~+0.6	4.6	0~+0.7	5.6	0~+0.8
63	3.0	0~+0.5	4.7	0~+0.7	5.8	0~+0.8	7.1	0~+1.0
75	3.6	0~+0.6	5.6	0~+0.8	6.8	0~+0.9	8.4	0~+1.1
90	4.3	0~+0.7	6.7	0~+0.9	8.2	0~+1.1	10.1	0~+1.3
110	5.3	0~+0.8	8.1	0~+1.1	10.0	0~+1.2	12.3	0~+1.5
125	6.0	0~+0.8	9.2	0~+1.2	11.4	0~+1.4	14.0	0~+1.6
140	6.7	0~+0.9	10.3	0~+1.3	12.7	0~+1.5	15.7	0~+1.8
160	7.7	0~+1.0	11.8	0~+1.4	14.6	0~+1.7	17.9	0~+2.0
180	8.6	0~+1.1	13.3	0~+1.6	-	-	-	-
200	9.6	0~+1.2	14.7	0~+1.7	-	-	-	-
225	10.8	0~+1.3	16.6	0~+1.9	-	-	-	-
250	11.9	0~+1.4	18.4	0~+2.1	-	-	-	-
280	13.4	0~+1.6	20.6	0~+2.3	-	-	-	-
315	15.0	0~+1.7	23.2	0~+2.6	-	-	-	-
355	16.9	0~+1.9	26.1	0~+2.9	-	-	-	-
400	19.1	0~+2.2	29.4	0~+3.2	-	-	-	-

Remark: Consider the request of stiffness, the minimum wall thickness marked with "\*" size added to 2.0mm. Use the wall thickness in parenthesis when calculating the hydrostatic test press.

## (ASTM)CPVC PIPE

### SCH40

### PARAMETERS

Brand: CENIT

ASTM F441 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	2.77	21.34	0~+0.51
3/4"	2.87	26.67	0~+0.51
1"	3.38	33.4	0~+0.51
1-1/4"	3.56	42.16	0~+0.51
1-1/2"	3.68	48.26	0~+0.51
2"	3.91	60.32	0~+0.51
2-1/2"	5.16	73.02	0~+0.61
3"	5.49	88.9	0~+0.66
4"	6.02	114.3	0~+0.71
5"	6.55	141.3	0~+0.79
6"	7.11	168.28	0~+0.79
8"	8.18	219.08	0~+0.86
10"	9.27	273.05	0~+1.12
12"	10.31	323.85	0~+1.24
14"	11.10	355.6	0~+1.35
16"	12.70	406.4	0~+1.52

### SCH80

### PARAMETERS

Brand: CENIT

ASTM F441 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	3.73	21.34	0~+0.51
3/4"	3.91	26.67	0~+0.51
1"	4.55	33.4	0~+0.53
1-1/4"	4.85	42.16	0~+0.58
1-1/2"	5.08	48.26	0~+0.61
2"	5.54	60.32	0~+0.66
2-1/2"	7.01	73.02	0~+0.84
3"	7.62	88.9	0~+0.91
4"	8.56	114.3	0~+1.02
5"	9.52	141.3	0~+1.14
6"	10.97	168.28	0~+1.32
8"	12.70	219.08	0~+1.52
10"	15.06	273.05	0~+1.80
12"	17.45	323.85	0~+2.08
14"	19.05	355.6	0~+2.29
16"	21.41	406.4	0~+2.57



## Table of Product Standards-UPVC/CPVC Pipes and Fittings

Type	Product Standards
(DIN)UPVC Fittings For Water Supply	GB/T 10002.2-2003 BS EN ISO 1452 /4422
(DIN)UPVC Fittings For Industry	GB/T 4219.2-2015 (ISO15493)
(ASTM)Threaded Type UPVC Fittings	ASTM D2464
(ASTM)Socket Type UPVC Fittings	ASTM D2467
(DIN)CPVC Fittings For Industry	GB/T 18998.3-2003 (ISO15493)
(ASTM)Threaded Type CPVC Fittings	ASTM F437
(ASTM)Socket Type CPVC Fittings	ASTM F439
(DIN) UPVC Pipes For Water Supply	GB/T 10002.1-2006(ISO1452/4422)
(DIN) UPVC Pipes For Industry	GB/T 4219.1-2008(ISO15493)
(ASTM) UPVC Pipes	ASTM D 1785
(DIN) CPVC Pipes For Water Supply	GB/T 18993.2-2003(ISO15493)
(DIN) CPVC Pipes For Industry	GB/T 18998.2-2003(ISO15493)
(ASTM) CPVC Pipes	ASTM F441

## Standards of UPVC Material Testing

Index Name	Unit	Index	Test method
Density	kg/m <sup>3</sup>	1350-1460	Method A of GB 1033
Vicat Softening Temperature	°C	Pipe ≥80 Fitting ≥74	GB/T 8802-2001
Hydraulic Test		No Breakage, no leakage	GB/T 6111-2003
Longitudinal Reversion	%	≤5	GB/T 6671-2001
Dichloromethane Soak		No damage on surface of sample	GB/T 13526-2007

## Standards of CPVC Testing Material

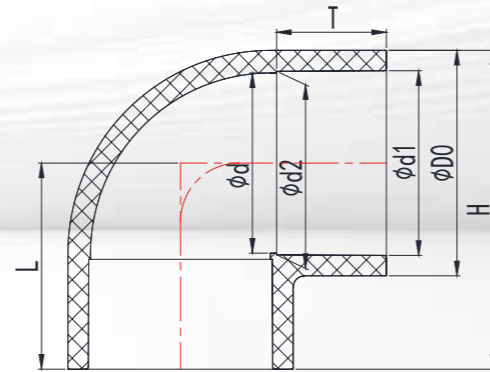
Index Name	Unit	Index	Test method
Density	kg/m <sup>3</sup>	1450-1650	Method A of GB/T 1033-1986
Vicat Softening Temperature(Pipes)	°C	≥110	GB/T 8802-2001
Vicat Softening Temperature(Fittings)	°C	≥103	GB/T 8802-2001
Longitudinal Reversion	%	≤5	Method B of GB/T6671-2001
Chlorine Concentration (Mass Percent)	%	≥60	GB/T 7139-2002
Hydrostatic Test	--	No leafing,no break	ISO 1167:1996
Hydrostatic Reheat Test	--	No leafing,no break	ISO 1167
Drop Impact Test	Cal/g/°C	TIR≤10%	GB/T 14152
Oven Test	MPa	No lamination,no crack	GB/T 8803
* Modulus of Elasticity	MPa	≥2660	ASTM D638
* Tensile Strength	KJ/m <sup>2</sup>	≥56	ASTM D638
* Impact Strength	m/m°C	≥16	ASTM D256
* Coefficient of Linear Expansion	Cal/g/°C	3.4x10 <sup>-5</sup>	--
* Thermal Conductivity	Cal/g/°C	0.14	ASTM C177
* Specific Heat	Ω/cm	0.14	--
* Bulk Resistance	AC,KV/mm	≥1015	--
* Dielectric Strength	--	13	--
* Flame Retardant	--	Self-extinguish	UL-94

# PIPE FITTING





# PVC-U/C ELBOW 90° (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

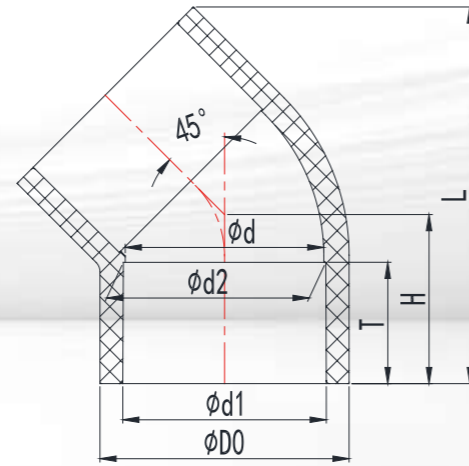
Size DN	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d1	d2	d	T	L	H	
15	26.30	20.30	19.95	18.00	16.20	27.70	40.80	S5(PN20)
20	31.80	25.30	24.95	23.00	18.70	32.70	48.60	S5(PN20)
25	39.90	32.30	31.90	30.00	22.20	39.70	59.60	S5(PN20)
32	49.70	40.40	39.90	38.00	26.20	47.70	72.50	S5(PN20)
40	61.90	50.40	49.90	48.00	31.20	57.70	88.70	S5(PN20)
50	77.90	63.40	62.90	61.00	37.70	70.70	109.70	S5(PN20)
65	91.00	75.40	74.90	70.90	43.70	82.50	128.00	S6.3(PN16)
80	107.40	90.50	89.90	85.90	51.20	97.50	151.20	S6.3(PN16)
100	127.00	110.60	109.90	103.90	61.20	117.50	181.10	S6.3(PN16)
De125	144.30	125.70	124.90	118.90	68.70	132.50	204.70	S6.3(PN16)
125	162.30	140.80	139.90	133.90	76.20	148.00	229.10	S6.3(PN16)
150	184.60	160.80	159.90	153.50	86.20	168.50	260.80	S6.3(PN16)
De180	202.60	180.90	179.90	178.50	97.00	190.00	291.30	S6.3(PN16)
De200	230.50	201.00	199.90	193.50	106.20	208.00	323.30	S6.3(PN16)
200	259.40	226.20	224.90	216.90	119.10	233.60	363.20	S6.3(PN16)
De250	287.90	251.30	249.90	241.90	131.65	258.50	402.50	S8(PN16)
250	314.80	281.50	279.90	278.00	147.00	291.00	448.40	S8(PN16)
300	358.20	316.70	314.90	306.90	164.30	323.00	502.10	S8(PN16)
350	391.00	356.80	355.00	326.00	184.30	368.30	561.40	PN6
400	442.00	402.00	400.00	369.80	204.20	413.00	629.40	PN6

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (")	Dimensions (mm)						
	D0	d1	d2	d	T	L	H
1/2"	30.50	21.54	21.23	17.00	23.22	36.25	51.50
3/4"	36.90	26.87	26.57	22.50	26.40	41.40	59.85
1"	44.70	33.66	33.27	29.00	29.57	47.10	69.45
1-1/4"	54.00	42.42	42.04	38.00	32.75	55.75	82.75
1-1/2"	60.60	48.56	48.11	43.00	35.93	61.95	92.25
2"	73.10	60.63	60.17	55.00	39.10	70.85	107.40
2-1/2"	88.40	73.38	72.85	67.50	45.45	84.50	128.70
3"	105.30	89.31	88.70	83.00	48.63	97.63	149.30
4"	132.00	114.76	114.07	106.00	58.15	117.25	183.25
5"	161.90	141.81	141.04	133.00	67.68	143.50	224.45
6"	190.90	168.83	168.00	160.00	77.20	166.25	261.70
8"	245.90	219.84	218.69	208.00	102.60	216.30	340.55
10"	305.80	273.81	272.67	262.50	128.00	278.00	430.90
12"	361.60	324.60	323.47	288.50	153.40	328.50	509.70
14"	394.11	355.94	354.33	331.50	200.00	375.75	576.00
16"	450.00	407.19	405.33	363.80	230.66	431.50	657.50

# PVC-U/C ELBOW 45° (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d1	d2	d	T	H	L	
15	26.30	20.30	19.95	18.00	16.20	22.10	46.90	S5(PN20)
20	31.80	25.30	24.95	23.00	18.70	25.70	54.90	S5(PN20)
25	38.60	32.30	31.90	30.00	22.20	30.60	66.20	S5(PN20)
32	49.70	40.40	39.90	38.00	26.20	36.30	79.30	S5(PN20)
40	61.90	50.40	49.90	48.00	31.20	43.30	95.70	S5(PN20)
50	77.50	63.40	62.90	61.00	37.70	52.50	116.90	S5(PN20)
65	91.20	75.40	74.90	70.90	43.70	64.60	142.50	S6.3(PN16)
80	107.60	90.50	89.90	85.90	51.20	75.60	166.90	S6.3(PN16)
100	127.00	110.60	109.90	103.90	61.20	89.20	197.60	S6.3(PN16)
De125	144.30	125.70	124.90	118.90	68.70	100.70	222.90	S6.3(PN16)
125	161.60	140.80	139.90	133.90	76.20	112.40	248.90	S6.3(PN16)
150	184.60	160.80	159.90	153.90	86.20	126.90	281.90	S6.3(PN16)
De180	202.60	180.90	179.90	178.50	97.00	137.90	307.00	S6.3(PN16)
De200	230.50	201.00	199.90	193.50	106.20	157.10	349.50	S6.3(PN16)
200	259.40	226.20	224.90	216.90	119.10	175.70	391.50	S6.3(PN16)
De250	287.90	251.30	249.90	241.90	131.65	193.30	432.20	S8(PN16)
250	314.80	281.50	279.90	278.00	147.00	209.60	469.10	S8(PN16)
300	358.20	316.70	314.90	306.90	164.30	242.80	541.20	S8(PN16)
350	391.00	356.80	355.00	326.00	184.30	272.80	602.20	PN6
400	442.00	402.00	400.00	369.80	204.20	298.50	662.20	PN6

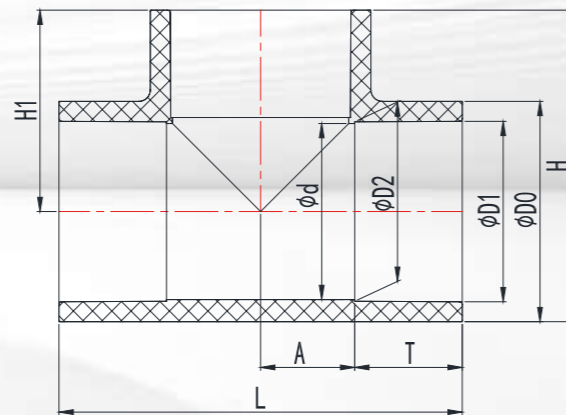
## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)					
	D0	d1	d2	d	T	H
1/2"	30.50	21.54	21.23	17.00	23.22	29.72
3/4"	35.27	26.87	26.57	22.50	26.40	34.40
1"	43.66	33.66	33.27	29.00	29.57	37.58
1-1/4"	53.02	42.42	42.04	38.00	32.75	42.75
1-1/2"	59.86	48.56	48.11	43.00	35.93	47.93
2"	72.22	60.63	60.17	55.00	39.10	55.10
2-1/2"	88.00	73.38	72.85	67.50	45.45	63.50
3"	105.30	89.31	88.70	83.00	48.63	68.63
4"	132.00	114.76	114.07	106.00	58.15	84.15
5"	161.90	141.81	141.04	133.00	67.68	104.55
6"	190.90	168.83	168.00	160.00	77.20	122.20
8"	245.90	219.84	218.69	208.00	102.60	153.80
10"	305.20	273.80	272.67	262.50	128.00	188.00
12"	358.15	324.60	323.47	311.00	164.30	242.80
14"	394.11	355.94	354.33	331.50	200.00	270.94
16"	450.00	407.19	405.33	363.80	230.66	306.81



# PVC-U/C TEE (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

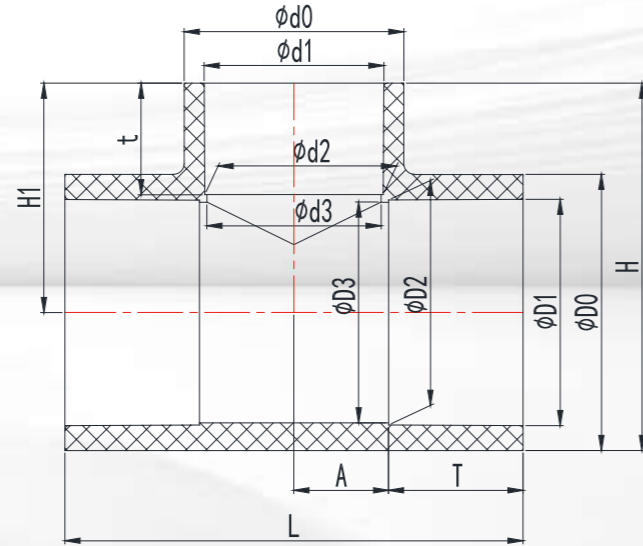
Size DN	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	d	T	L	H1	H	
15	26.30	20.30	19.95	18.00	16.20	55.40	27.70	40.85	S5(PN20)
20	31.80	25.30	24.95	23.00	18.70	65.40	32.70	48.60	S5(PN20)
25	39.90	32.30	31.90	30.00	22.20	79.40	39.70	59.65	S5(PN20)
32	49.70	40.40	39.90	38.00	26.20	97.20	47.70	72.55	S5(PN20)
40	61.90	50.40	49.90	48.00	31.20	114.50	57.70	88.65	S5(PN20)
50	77.90	63.40	62.90	61.00	37.70	141.00	70.70	109.65	S5(PN20)
65	91.20	75.40	74.90	70.90	43.70	165.00	82.50	128.10	S6.3(PN16)
80	107.60	90.50	89.90	85.90	51.20	194.00	97.50	151.30	S6.3(PN16)
100	127.00	110.60	109.90	103.90	61.20	234.00	117.50	181.00	S6.3(PN16)
De125	144.30	125.70	124.90	118.90	68.70	264.00	132.50	204.65	S6.3(PN16)
125	161.60	140.80	139.90	133.90	76.20	296.00	148.00	228.80	S6.3(PN16)
150	184.60	160.80	159.90	153.90	86.20	334.00	168.00	260.30	S6.3(PN16)
De180	202.60	180.90	179.90	178.50	97.00	380.00	190.00	291.30	S6.3(PN16)
De200	230.50	201.00	199.90	193.50	106.20	415.00	208.00	323.25	S6.3(PN16)
200	259.40	226.20	224.90	216.90	119.10	463.50	233.50	363.20	S6.3(PN16)
De250	287.90	251.30	249.90	241.90	131.65	516.00	258.50	402.45	S8(PN16)
250	314.80	281.50	279.90	278.00	147.00	581.50	291.00	448.40	S8(PN16)
300	358.20	316.70	314.90	306.90	164.30	645.00	323.00	502.10	S8(PN16)
350	391.00	356.80	355.00	326.00	184.30	736.00	368.50	564.00	PN6
400	442.00	402.00	400.00	369.80	204.20	825.00	413.00	634.00	PN6

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)							
	D0	D1	D2	d	T	H1	H	L
1/2"	30.14	21.54	21.23	17.00	23.22	36.25	51.50	72.50
3/4"	35.87	26.87	26.57	22.50	26.40	41.40	59.85	82.80
1"	44.30	33.66	33.27	29.00	29.57	47.10	69.45	94.20
1-1/4"	53.42	42.42	42.04	38.00	32.75	55.75	82.75	111.50
1-1/2"	60.40	48.56	48.11	43.00	35.93	62.00	92.25	124.00
2"	73.10	60.63	60.17	55.00	39.10	70.85	107.40	141.70
2-1/2"	88.40	73.38	72.85	67.50	45.45	83.28	128.70	166.55
3"	105.70	89.31	88.70	83.00	48.63	97.08	149.30	194.15
4"	132.50	114.76	114.07	106.00	58.15	117.25	183.25	234.50
5"	161.60	141.81	141.04	133.00	67.68	142.80	227.95	285.60
6"	192.00	168.83	168.00	160.00	77.20	166.25	261.70	332.50
8"	246.50	219.84	218.69	208.00	102.60	217.60	340.55	435.20
10"	305.80	273.81	272.67	262.50	128.00	278.00	430.90	556.00
12"	361.60	324.60	323.47	313.00	153.40	328.50	509.70	656.80
14"	394.11	355.94	354.33	331.50	200.00	371.10	571.60	742.20
16"(FRP)	450.00	407.19	405.33	363.80	230.66	414.00	640.50	828.00

# PVC-U/C REDUCING TEE (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)													Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	D3	d0	d1	d2	d3	T	t	H1	H	L	
20X15(25*20)	31.80	25.25	24.95	23.00	26.30	20.30	19.95	18.00	18.70	16.20	30.20	46.1	60.40	S5(PN20)
25X15(32*20)	39.90	32.30	31.90	30.00	26.50	20.30	19.95	18.00	22.20	16.20	34.40	54.35	69.00	S5(PN20)
25X20(32*25)	39.90	32.30	31.90	30.00	31.80	25.30	24.95	23.00	22.20	16.20	36.20	56.15	72.10	S5(PN20)
32X15(40*20)	49.70	40.35	39.90	38.00	26.40	20.30	19.95	18.00	26.20	16.20	39.00	63.85	75.50	S5(PN20)
32X20(40*25)	49.70	40.35	39.90	38.00	31.10	25.30	24.95	23.00	26.20	18.70	40.70	65.55	80.60	S5(PN20)
32X25(40*32)	49.70	40.35	39.90	38.00	39.70	32.30	31.90	30.00	26.20	22.20	43.70	68.55	87.40	S5(PN20)
40X15(50*20)	61.90	50.35	49.90	48.00	26.30	20.30	19.95	18.00	31.20	16.20	45.20	76.15	85.40	S5(PN20)
40X20(50*25)	61.90	50.35	49.90	48.00	31.80	25.30	24.95	23.00	31.20	18.70	46.70	77.65	90.20	S5(PN20)
40X25(50*32)	61.90	50.35	49.90	48.00	39.90	32.30	31.90	30.00	31.20	22.20	49.50	80.45	97.40	S5(PN20)
40X32(50*40)	61.90	50.35	49.90	48.00	49.30	40.35	39.90	38.00	31.20	26.20	52.70	83.65	65.25	S5(PN20)
50X15(63*20)	77.90	63.40	62.90	61.00	26.60	20.30	19.95	18.00	37.70	16.20	53.20	92.15	98.25	S5(PN20)
50X20(63*25)	77.90	63.40	62.90	61.00	31.80	25.30	24.95	23.00	37.70	18.70	54.70	93.65	103.10	S5(PN20)
50X25(63*32)	77.90	63.40	62.90	61.00	40.00	32.30	31.90	30.00	37.70	22.20	57.20	96.15	110.40	S5(PN20)
50X32(63*40)	77.90	63.40	62.90	61.00	49.70	40.35	39.90	38.00	37.70	26.20	59.20	98.15	118.40	S5(PN20)
50X40(63*50)	77.90	63.40	62.90	61.00	61.50	50.35	49.90	48.00	37.70	31.20	64.20	103.15	127.70	S5(PN20)
65X15(75*20)	91.20	75.40	74.90	70.90	26.30	20.30	19.95	18.00	43.70	16.20	55.20	100.8	140.00	S6.3(PN16)
65X20(75*25)	91.20	75.40	74.90	70.90	31.80	25.30	24.95	23.00	43.70	18.70	57.70	103.3	140.00	S6.3(PN16)
65X25(75*32)	91.20	75.40	74.90	70.90	39.90	32.30	31.90	23.00	43.70	22.20	61.20	106.8	140.30	S6.3(PN16)
65X32(75*40)	91.20	75.40	74.90	70.90	49.70	40.35	39.90	30.00	43.70	26.20	65.20	110.8	140.00	S6.3(PN16)
65X40(75*50)	91.20	75.40	74.90	70.90	61.50	50.35	49.90	48.00	43.70	31.20	70.20	115.8	140.00	S6.3(PN16)
65X50(75*63)	91.20	75.40	74.90	70.90	77.30	63.40	62.90	61.00	43.70	37.70	77.30	122.9	152.20	S6.3(PN16)
80X20(90*25)	107.60	90.50	89.90	85.90	31.80	25.30	24.95	23.00	51.20	18.70	65.20	119	167.80	S6.3(PN16)
80X25(90*32)	107.60	90.50	89.90	85.90	39.50	32.30	31.90	23.00	51.20	22.20	68.70	122.5	168.20	S6.3(PN16)
80X32(90*40)	107.60	90.50	89.90	85.90	49.50	40.35	39.90	38.00	51.20	26.20	72.70	126.5	168.20	S6.3(PN16)
80X40(90*50)	107.60	90.50	89.90	85.90	61.90	50.35	49.90	48.00	51.20	31.20	77.70	131.5	168.00	S6.3(PN16)
80X50(90*63)	107.60	90.50	89.90	85.90	77.30	63.40	62.90	61.00	51.20	37.70	84.20	138	168.20	S6.3(PN16)
80X65(90*75)	107.60	90.50	89.90	85.90	91.20	75.40	74.90	70.90	51.20	43.70	92.30	146.1	180.70	S6.3(PN16)
100X20(110*25)	127.00	110.60	109.90	103.90	31.80	25.30	24.95	23.00	61.20	18.70	74.20	137.7	189.00	S6.3(PN16)
100X25(110*32)	127.00	110.60	109.90	103.90	40.10	32.30	31.90	23.00	61.20	22.20	77.70	141.2	190.00	S6.3(PN16)
100X32(110*40)	127.00	110.60	109.90	103.90	49.70	40.35	39.90	38.00	61.20	26.20	81.70	145.2	190.50	S6.3(PN16)
100X40(110*50)	127.00	110.60	109.90	103.90	61.90	50.35	49.90	48.00	61.20	31.20	86.70	150.2	189.00	S6.3(PN16)
100X50(110*63)	127.00	110.60	109.90	103.90	77.30	63.40	62.90	61.00	61.20	37.70	93.20	156.7	190.00	S6.3(PN16)
100X65(110*75)	127.00	110.60	109.90	103.90	91.20	75.40	74.90	70.90	61.20	43.70	99.00	162.5	201.50	S6.3(PN16)
100X80(110*90)	127.00	110.60	109.90	103.90	107.60	90.50	89.90	85.90	61.20	51.20	110.35	173.85	214.80	S6.3(PN16)
De125*110	144.30	125.70	124.90	118.90	127.00	110.60	109.90	103.90	68.70	61.20	127.80	199.95	251.00	S6.3(PN16)
125X40(140*50)	161.60	140.75	139.90	133.90	61.60	50.35	49.90	48.00	76.20	31.20	101.70	182.5	247.40	S6.3(PN16)
125X50(140*63)	161.60	140.75	139.90	133.90	77.30	63.40	62.90	61.00	76.20	37.70	108.20	189	247.00	S6.3(PN16)
125X65(140*75)	161.60	140.75	139.90	133.90	91.20	75.40	74.90	70.90	76.20	43.70	114.00	194.8	248.00	S6.3(PN16)
125X80(140*90)	161.60	140.75	139.90	133.90	107.40	90.50	89.90	85.90	76.20	51.20	121.50	202.3	247.00	S6.3(PN16)
125X100(140*110)	161.60	140.75	139.90	133.90	127.00	110.60	109.90	103.90	76.20	61.20	136.70	217.5	266.40	S6.3(PN16)
De140*125	161.60	140.75	139.90	133.90	144.30	125.70	124.90	118.90	76.20	68.70	142.40	223.2	280.50	S6.3(PN16)
150X50(160*63)	184.60	160.80	159.90	153.90	77.70	63.40	62.90	61.00	86.20	37.70	118.20	210.5	286.00	S6.3(PN16)
150X65(160*75)	184.60	160.80	159.90	153.90	89.90	75.40	74.90	70.90	86.20	43.70	124.00	216.3	285.00	S6.3(PN16)
150X80(160*90)	184.60	160.80	159.90	153.90	107.60	90.50	89.90	85.90	86.20	51.20	131.50	223.8	285.50	S6.3(PN16)
150X100(160*110)	184.60	160.80	159.90	153.90	127.30	110.60	109.90	103.90	86.20	61.20	142.50	234.8	286.00	S6.3(PN16)
150X125(160*140)	184.60	160.80	159.90	153.90	161.80	140.75	139.90	133.90	86.20	76.20	161.50	253.8	315.50	S6.3(PN16)
De180*160	202.60	180.80	180.10	178.50	184.60	160.80	159.90	153.90	97.00	86.20	180.00	281.3	326.00	S6.3(PN16)
De200*90	230.50	201.00	199.90	193.50	107.70	90.50	89.90	85.90	106.20	51.20	151.50	266.75	356.50	S6.3(PN16)
De200*110	230.50	201.00	199.90	193.50	127.50	110.60	109.90	103.90	106.20	61.20	162.50	277.75	357.00	S6.3(PN16)
De200*140	230.50	201.00	199.90	193.50	162.20	140.75	139.90	133.90	106.20	76.20	178.00	293.25	356.50	S6.3(PN16)
De200*160	230.50	201.00	199.90	193.50	184.60	160.80	159.90	153.90	106.20	86.20	197.50	312.75	415.50	S6.3(PN16)
200X50(225*63)	259.40	226.20	224.90	216.90	77.30	63.40	62.90	61.00	119.10	37.70	149.70	279.4	384.00	S6.3(PN16)



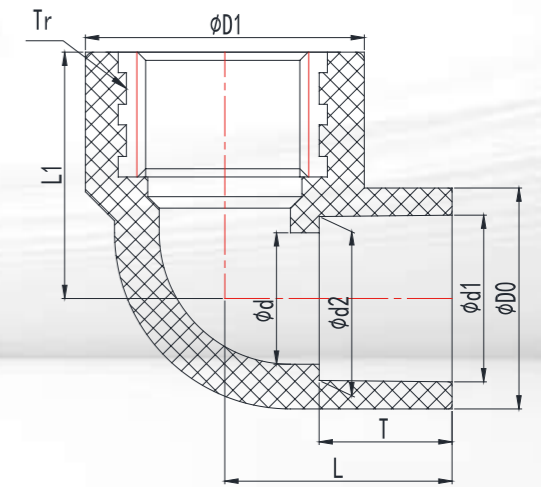
200X65(225*75)	259.40	226.20	224.90	216.90	91.20	75.40	74.90	70.90	119.10	43.70	155.50	285.2	384.00	S6.3(PN16)
200X80(225*90)	259.40	226.20	224.90	216.90	107.60	90.50	89.90	85.90	119.10	51.20	163.00	292.7	384.00	S6.3(PN16)
200X100(225*110)	259.40	226.20	224.90	216.90	127.00	110.60	109.90	103.90	119.10	61.20	174.00	303.7	384.00	S6.3(PN16)
200X125(225*140)	259.40	226.20	224.90	216.90	161.90	140.75	139.90	133.90	119.10	76.20	189.50	319.2	384.00	S6.3(PN16)
200X150(225*160)	259.40	226.20	224.90	216.90	185.00	160.80	159.90	153.90	119.10	86.20	209.70	339.4	403.00	S6.3(PN16)
De225*200	259.40	226.20	224.90	216.90	230.50	201.00	199.90	193.50	119.10	106.20	231.50	361.2	384.00	S6.3(PN16)
De250*63	281.10	251.30	249.90	241.90	77.30	63.40	62.90	61.00	132.00	37.70	162.00	302.55	429.50	S8(PN16)
De250*75	281.10	251.30	249.90	241.90	91.20	75.40	74.90	70.90	132.00	43.70	167.80	308.35	429.50	S8(PN16)
De250*90	281.10	251.30	249.90	241.90	107.80	90.50	89.90	85.90	132.00	51.20	175.30	315.85	429.50	S8(PN16)
De250*110	281.10	251.30	249.90	241.90	127.00	110.60	109.90	103.90	132.00	61.20	186.30	326.85	429.50	S8(PN16)
De250*140	281.10	251.30	249.90	241.90	161.60	140.75	139.90	133.90	132.00	76.20	201.80	342.35	429.50	S8(PN16)
De250*160	281.10	251.30	249.90	241.90	184.60	160.80	159.90	178.50	132.00	86.20	211.80	352.35	429.50	S8(PN16)
De250*225	287.90	251.30	249.90	241.90	259.40	226.20	224.90	218.90	132.00	119.10	254.00	397.95	429.50	S8(PN16)
De280*225	314.80	281.50	279.90	278.00	259.20	226.20	224.90	218.90	147.00	132.00	276.00	433.40	526.50	S8(PN16)
300X80(315*90)	354.70	316.70	314.90	306.90	107.60	90.50	89.90	85.90	164.30	51.20	198.70	376.05	445.90	S8(PN16)
300X100(315*110)	354.70	316.70	314.90	306.90	127.00	110.60	109.90	103.90	164.30	61.20	209.70	387.05	600.10	S8(PN16)
300X125(315*140)	354.70	316.70	314.90	306.90	161.60	140.75	139.90	133.90	164.30	76.20	225.20	402.55	600.10	S8(PN16)
300X150(315*160)	354.70	316.70	314.90	306.90	184.60	160.80	159.90	153.90	164.30	86.20	235.20	412.55	600.10	S8(PN16)
De315*200	354.70	316.70	314.90	306.90	230.50	201.00	199.90	193.50	164.30	106.20	268.50	445.85	538.00	S8(PN16)
300X200(315*225)	354.70	316.70	314.90	306.90	259.40	226.20	224.90	220.90	164.30	119.10	269.20	446.55	600.10	S8(PN16)
De315*250	354.70	316.70	314.90	306.90	288.60	251.30	249.90	241.90	164.30	132.00	282.00	459.35	644.00	S8(PN16)
300X250(315*280)	391.00	316.70	314.90	306.90	314.50	281.50	279.90	278.00	164.30	147.00	321.50	517.00	647.00	S8(PN16)
De355*200	388.00	356.80	355.00	326.00	230.50	201.00	199.90	193.50	184.30	106.20	285.50	478.00	590.50	PN6
350X225(355*250)	388.00	356.80	355.00	326.00	281.10	251.30	249.90	241.90	184.30	132.00	311.50	504.60	639.00	PN6
350X300(355*315)	388.00	356.80	400.00	326.00	344.20	316.70	314.90	306.90	184.30	164.30	350.60	544.60	693.00	PN6
De400*200	432.70	401.60	400.00	398.50	220.90	200.90	199.85	197.00	107.00	208.00	318.60	534.95	623.00	PN6
400X225(400*250)	432.40	401.60	400.00	398.50	273.50	251.15	249.41	247.00	132.00	208.00	342.80	559.00	672.00	PN6
400X300(400*315)	432.70	401.60	400.00	398.50	344.50	316.55	315.05	312.00	165.00	208.00	370.00	586.35	752.00	PN6

PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)											
	D0	D1	D2	D3	d0	d1	d2	d3	t	T	H	L
3/4"*1/2"	35.87	26.87	26.57	22.50	30.14	21.54	21.23	17.00	23.22	26.40	38.55	82.80
1"*1/2"	44.30	33.66	33.27	29.00	30.14	21.54	21.23	17.00	23.22	29.57	41.75	94.20
1"*3/4"	44.30	33.66	33.27	29.00	35.87	26.87	26.57	22.50	26.40	29.57	44.60	94.20
1-1/4"*3/4"	53.42	42.42	42.04	38.00	35.87	26.87	26.57	22.50	26.40	32.75	49.10	111.50
1-1/4"*1"	53.42	42.42	42.04	38.00	44.30	33.66	33.27	29.00	29.57	32.75	51.60	111.50
1-1/2"*1"	60.40	48.56	48.11	43.00	44.30	33.66	33.27	29.00	29.57	35.93	54.35	124.00
1-1/2"*1-1/4"	60.40	48.56	48.11	43.00	53.42	42.42	42.04	38.00	32.75	35.93	58.50	124.00
2"*1-1/4"	73.10	60.63	60.17	55.00	53.42	42.42	42.04	38.00	32.75	39.10	64.00	141.70
2"*1-1/2"	73.10	60.63	60.17	55.00	60.40	48.56	48.11	43.00	35.93	39.10	67.45	141.70
2-1/2"*1-1/2"	88.40	73.38	72.85	67.50	60.40	48.56	48.11	43.00	35.93	45.45	73.70	169.00
2-1/2"*2"	88.40	73.38	72.85	67.50	73.10	60.63	60.17	55.00	39.10	45.45	77.10	169.00
3"*2"	105.70	89.31	88.70	83.00	73.10	60.63	60.17	55.00	39.10	48.63	84.60	194.15
3"*2-1/2"	105.70	89.31	88.70	83.00	88.40	73.38	72.85	67.50	45.45	48.63	92.00	194.15
4"*2-1/2"	132.50	114.76	114.07	106.00	88.40	73.38	72.85	67.50	45.45	58.15	103.00	234.50
4"*3"	132.50	114.76	114.07	106.00	105.70	89.31	88.70	83.00	48.63	58.15	107.65	234.50
5"*2"	161.60	141.81	141.04	133.00	72.70	60.63	60.17	55.00	39.10	67.68	105.10	285.60
6"*2"	192.00	168.83	168.00	160.00	73.10	60.63	60.17	55.00	39.10	77.20	128.85	332.50
6"*4"	192.00	168.83	168.00	160.00	132.50	114.76	114.07	106.00	58.15	77.20	144.25	332.50
8"*4"	246.50	219.84	218.69	208.00	132.50	114.76	114.07	106.00	58.15	102.60	162.75	435.20
8"*6"	246.50	219.84	218.69	208.00	192.00	168.83	168.00	160.00	77.20	102.60	190.25	435.20
10"*6"	305.80	273.81	272.67	262.50	192.00	168.83	168.00	160.00	77.20	128.00	217.50	446.60
10"*8"	305.80	273.81	272.67	262.50	246.50	219.84	218.69	208.00	102.60	128.00	245.00	496.50
12"*8"	361.60	324.60	323.47	313.00	246.50	219.84	218.69	208.00	102.60	153.40	269.30	583.00
12"*10"	361.60	324.60	323.47	313.00	305.80	273.81	272.67	262.50	128.00	153.40	296.80	656.80

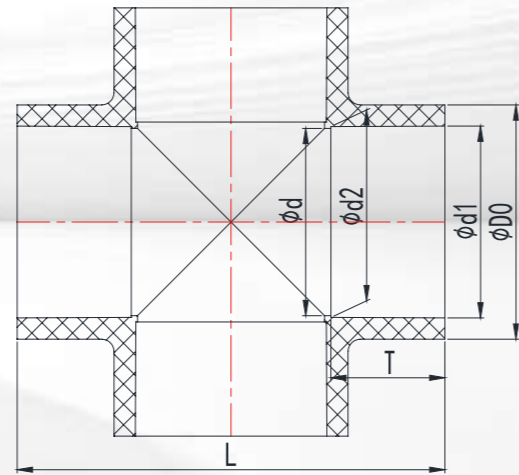
COPPER THREADED  
ELBOW 90°  
(DIN)



Brand: HUASHENG

Size DN(De)	Dimensions (mm)									Nominal Pressure PN(kg/cm²)
	D0	D1	d1	d2	d	T	L1	L	Tr	
15(20)	26.90	34.00	20.30	19.95	16.00	16.20	27.70	43.50	1/2"	S5(PN20)
20(25)	32.60	39.50	25.30	24.95	21.00	18.70	32.70	50.30	3/4"	S5(PN20)
25(32)	40.10	46.50	32.30	31.90	28.00	22.20	39.70	60.30	1"	S5(PN20)

# PVC-U/C CROSS (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)						Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	d	T	L	
15	26.30	20.30	19.95	18.00	16.20	55.40	S5(PN20)
20	31.80	25.30	24.95	21.00	18.70	65.40	S5(PN20)
25	39.90	32.30	31.90	28.00	22.20	79.40	S5(PN20)
32	49.50	40.35	39.90	36.00	26.20	95.40	S5(PN20)
40	61.50	50.35	49.90	46.00	31.20	115.40	S5(PN20)
50	77.40	63.40	62.90	59.00	37.70	141.00	S5(PN20)
65	91.20	75.40	74.90	70.90	43.70	165.00	S6.3(PN16)
80	107.60	90.50	89.90	85.90	51.20	194.50	S6.3(PN16)
100	127.00	110.60	109.90	103.90	61.20	234.50	S6.3(PN16)
De125	144.30	125.70	124.90	118.90	68.70	263.80	S6.3(PN16)
125	161.60	140.75	139.90	133.90	76.20	295.00	S6.3(PN16)
150	185.30	160.80	159.90	153.90	86.20	336.00	S6.3(PN16)
De200	230.00	201.00	199.90	193.90	106.20	414.00	S6.3(PN16)
200	259.40	226.20	224.90	216.90	119.10	465.00	S6.3(PN16)
De250	287.90	251.30	249.90	241.40	131.65	515.50	S6.3(PN16)
250	314.80	281.20	280.10	276.00	147.00	582.00	S8(PN16)
300	354.00	316.70	314.90	307.00	164.30	643.00	S8(PN16)

## PARAMETERS (ASTM SCH80)

Brand: CENIT

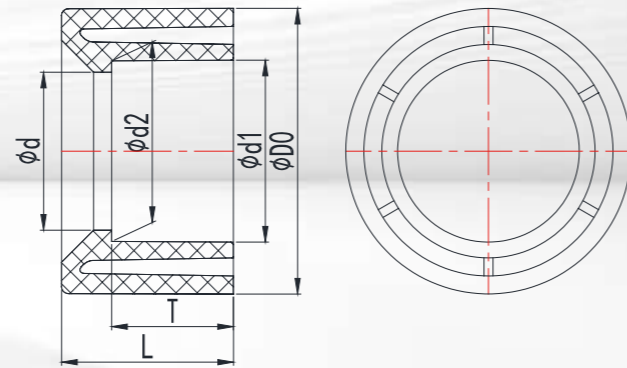
Size (")	Dimensions (mm)					
	D0	d1	d2	d	T	L
1/2"	29.54	21.54	21.23	17.00	23.22	72.50
3/4"	35.36	26.87	26.57	22.50	26.40	82.80
1"	43.66	33.66	33.27	29.00	29.57	94.20
1-1/4"	53.02	42.42	42.04	38.00	32.75	111.50
1-1/2"	59.86	48.56	48.11	43.00	35.93	124.00
2"	72.23	60.63	60.17	55.00	39.10	143.70
2-1/2"	88.00	73.38	72.85	67.50	45.45	169.00
3"	105.30	89.31	88.70	83.00	48.63	193.26
4"	132.00	114.76	114.07	106.00	58.15	234.50
5"	162.00	141.81	141.04	133.00	67.68	287.00
6"	190.85	168.83	168.00	160.00	77.20	332.50



# PVC-U/C BUSHING (DIN/ASTM)

## PARAMETERS (DIN)

Brand: HUASHENG



Size DN(De)	Dimensions (mm)					
	D0	d1	d2	d	T	L
20X15(25*20)	25.00	20.30	19.95	16.00	17.00	19.20
25X15(32*20)	32.00	20.30	19.95	16.00	17.00	22.20
25X20(32*25)	32.00	25.30	24.95	21.00	19.50	22.20
32X15(40*20)	40.00	20.30	19.95	16.00	17.00	26.30
32X20(40*25)	40.00	25.30	24.95	21.00	19.50	26.30
32X25(40*32)	40.00	32.30	31.90	27.50	23.00	26.30
40X15(50*20)	50.00	20.30	19.95	16.00	17.00	31.20
40X20(50*25)	50.00	25.30	24.95	21.00	19.50	31.20
40X25(50*32)	50.00	32.30	31.90	27.50	23.00	31.20
40X32(50*40)	50.00	40.35	39.90	35.00	27.00	31.20
50X15(63*20)	63.00	20.30	19.95	16.00	17.00	38.10
50X20(63*25)	63.00	25.30	24.95	21.00	19.50	38.10
50X25(63*32)	63.00	32.30	31.90	27.50	23.00	38.10
50X32(63*40)	63.00	40.35	39.90	35.00	27.00	38.10
50X40(63*50)	63.00	50.35	49.90	45.00	32.00	38.10
65X20(75*25)	75.00	25.30	24.95	21.00	19.50	44.10
65X25(75*32)	75.00	32.30	31.90	27.50	23.00	44.10
65X32(75*40)	75.00	40.35	39.90	35.00	27.00	44.10
65X40(75*50)	75.00	50.35	49.90	45.00	32.00	44.10
65X50(75*63)	75.00	63.40	62.90	56.00	38.50	44.10
80X25(90*32)	90.00	32.30	31.90	27.50	23.00	51.00
80X32(90*40)	90.00	40.35	39.90	35.00	27.00	51.00
80X40(90*50)	90.00	50.35	49.90	45.00	32.00	51.00
80X50(90*63)	90.00	63.40	62.90	56.00	38.50	51.00
80X65(90*75)	90.00	75.40	74.90	67.00	44.50	51.00
100X40(110*50)	110.00	50.35	49.90	45.00	32.00	61.00
100X50(110*63)	110.00	63.40	62.90	56.00	38.50	61.00
100X65(110*75)	110.00	75.40	74.90	67.00	44.50	61.00
100X80(110*90)	110.00	90.50	89.90	80.50	52.00	61.00
De125*110	125.00	110.40	109.90	102.00	62.00	68.70
125X50(140*63)	140.00	63.40	62.90	102.00	62.00	77.00
125X65(140*75)	140.00	75.40	74.90	117.00	68.70	76.20
125X80(140*90)	140.00	90.50	89.90	56.00	38.50	76.20
125X100(140*110)	140.00	110.60	109.90	67.00	44.50	76.20
De140*125	140.00	125.70	124.90	80.50	52.00	76.20
150X50(160*63)	160.00	63.40	62.90	96.00	62.00	86.00
150X65(160*75)	160.00	75.40	74.90	130.00	77.00	86.00
150X80(160*90)	160.00	90.50	89.90	56.00	38.50	86.00
150X100(160*110)	160.00	110.60	109.90	67.00	44.50	86.00
150X125(160*140)	160.00	125.70	139.90	80.50	52.00	86.00
De180*160	180.00	160.80	159.90	150.90	86.20	96.00
De200*160	200.00	160.80	159.90	151.50	85.50	106.50
De200*180	200.00	180.90	179.90	169.70	96.00	106.20
200X100(225*110)	225.00	110.60	109.90	96.00	62.00	118.70
200X125(225*140)	225.00	140.75	139.90	130.00	77.00	118.70
200X150(225*160)	225.00	160.80	159.90	150.50	85.50	118.70
De225*200	225.00	201.00	199.90	188.80	106.20	118.70
De250*110	250.00	110.60	109.90	96.00	62.00	131.20
De250*160	250.00	160.80	159.90	150.50	85.50	131.20
De250*200	250.00	201.00	199.90	188.80	106.20	131.20
De250*225	250.00	226.20	224.90	210.80	119.10	131.20
250X200(280*225)	280.00	226.20	224.90	208.80	119.10	146.20

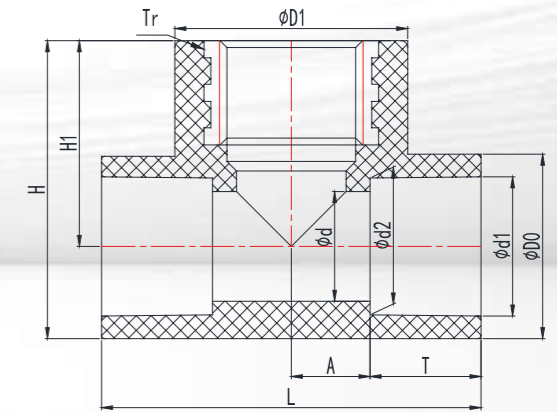
300X100(315*110)	315.00	110.60	109.90	96.00	62.00	163.70
300X150(315*160)	315.00	160.80	159.90	150.50	85.50	163.70
De315*200	315.00	201.00	199.90	188.80	106.20	163.70
300X200(315*225)	315.00	226.20	224.90	210.80	119.10	163.70
De315*250	315.00	251.15	249.90	239.00	131.65	163.70
300X250(315*280)	315.00	281.50	279.90	263.50	146.20	163.70
De355*200	355.00	201.00	199.90	188.80	106.20	183.70
350X200(355*225)	355.00	226.20	224.90	210.80	119.10	183.70
De355*250	355.00	251.15	249.90	239.00	131.65	183.70
350X300(355*315)	355.00	316.55	314.90	305.00	164.30	183.70
De400*200	400.00	201.00	199.90	188.80	106.20	206.20
400X200(400*225)	400.00	226.20	224.90	210.80	119.10	206.20
De400*250	400.00	251.15	249.90	239.00	131.65	206.20
400X300(400*315)	400.00	316.60	314.90	305.00	164.30	206.20
400X350(400*355)	400.00	356.70	354.90	345.00	183.70	206.20

PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)						
	D0	D1	D2	D3	d0	d1	d2
1/2"*1/4"	21.34	14.02	13.60	10.00	16.50	23.50	29.00
1/2"*3/8"	21.34	17.45	17.04	12.00	19.50	23.50	29.00
3/4"*1/2"	26.67	21.54	21.23	17.00	23.22	26.40	31.90
1"*3/8"	33.40	17.45	17.04	12.00	19.50	29.58	35.58
1"*1/2"	33.40	21.54	21.23	17.00	23.22	29.58	35.58
1"*3/4"	33.40	26.87	26.57	22.50	26.40	29.58	35.58
1-1/4"*1/2"	42.16	21.54	21.23	17.00	23.22	30.00	36.00
1-1/4"*3/4"	42.16	26.87	26.57	22.50	26.40	30.00	36.00
1-1/4"*1"	42.16	33.66	33.27	29.00	29.57	30.00	36.00
1-1/2"*1/2"	48.26	21.54	21.23	17.00	23.22	35.93	41.93
1-1/2"*3/4"	48.26	26.87	26.57	22.50	26.40	35.93	41.93
1-1/2"*1"	48.26	33.66	33.27	29.00	29.57	35.93	41.93
1-1/2"*1-1/4"	48.26	42.42	42.04	38.00	32.75	35.93	41.93
2"*1/2"	60.33	21.54	21.23	17.00	23.22	39.10	45.10
2"*3/4"	60.33	26.87	26.57	22.50	26.40	39.10	45.10
2"*1"	60.33	33.66	33.27	29.00	29.57	39.10	45.10
2"*1-1/4"	60.33	42.42	42.04	38.00	32.75	39.10	45.10
2"*1-1/2"	60.33	48.56	48.11	43.00	35.93	39.10	45.10
2-1/2"*1-1/2"	70.03	48.56	48.11	43.00	35.93	45.00	51.00
2-1/2"*2"	70.03	60.63	60.17	55.00	39.10	45.00	51.00
3"*1-1/2"	88.90	48.56	48.11	43.00	35.93	49.00	57.00
3"*2"	88.90	60.63	60.17	55.00	39.10	49.00	57.00
3"*2-1/2"	88.90	48.56	48.11	67.50	35.93	49.00	57.00
4"*2"	114.30	60.63	60.17	55.00	39.10	59.00	67.00
4"*2-1/2"	114.30	48.56	48.11	67.50	35.93	59.00	67.00
4"*3"	114.30	89.31	88.70	83.00	48.63	59.00	67.00
5"*4"	141.30	114.76	114.07	106.00	58.15	69.00	79.00
6"*3"	168.30	89.31	88.70	83.00	48.63	78.00	90.00
6"*4"	168.30	114.76	114.07	106.00	58.15	78.00	90.00
6"*5"	168.30	141.81	141.04	133.00	67.68	78.00	90.00
8"*4"	219.10	114.76	114.07	106.00	58.15	103.00	115.00
8"*6"	219.10	168.83	168.00	160.00	77.20	103.00	115.00
10"*3"	273.05	89.31	88.70	83.00	48.63	127.00	148.00
10"*4"	273.05	114.76	114.07	106.00	58.15	127.00	148.00
10"*6"	273.05	168.83	168.00	160.00	77.20	127.00	148.00
10"*8"	273.05	219.84	218.69	208.00	102.60	127.00	148.00
12"*4"	323.85	114.76	114.07	106.00	58.15	151.00	169.00
12"*6"	323.85	168.83	168.00	160.00	77.20	151.00	169.00
12"*8"	323.85	219.84	218.69	208.00	102.60	151.00	169.00
12"*10"	323.85	273.81	272.67	262.50	128.00	151.00	169.00

PVC-U/C  
COPPER THREADED TEE  
(DIN)

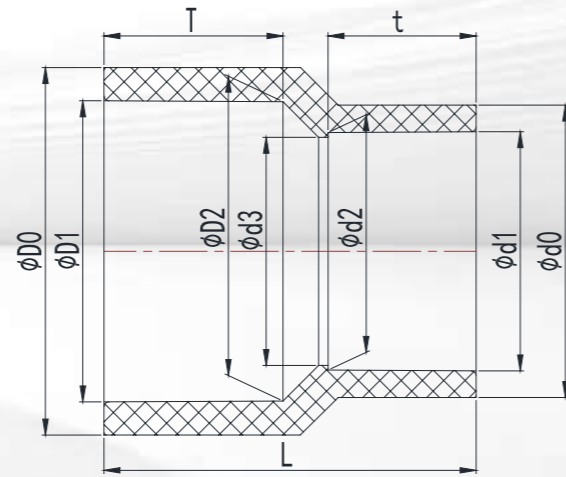


Brand: HUASHENG

Size DN	Dimensions (mm)										Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	d1	d2	d	T	H1	H	L	Tr	
15	26.90	34.00	20.30	19.95	16.00	16.20	30.00	43.45	55.40	1/2"	S5(PN20)
20	32.60	39.50	25.30	24.95	21.00	18.70	34.00	50.30	65.40	3/4"	S5(PN20)
25	40.10	46.50	32.30	31.90	28.00	22.20	40.00	60.05	79.40	1"	S5(PN20)



# PVC-U/C REDUCER (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)										Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	d0	d1	d2	d3	t	T	L	
20X15(25*20)	31.80	25.30	24.95	26.30	20.30	19.95	18.00	16.20	18.70	40.00	S5(PN20)
25X15(32*20)	39.90	32.30	31.90	26.30	20.30	19.95	18.00	16.20	22.20	48.50	S5(PN20)
25X20(32*25)	39.90	32.30	31.90	31.80	25.30	24.95	23.00	18.70	22.20	47.40	S5(PN20)
32X15(40*20)	49.40	40.35	39.90	26.30	20.30	19.95	18.00	16.20	26.20	56.50	S5(PN20)
32X20(40*25)	49.30	40.35	39.90	31.80	25.30	24.95	23.00	18.70	26.20	56.80	S5(PN20)
32X25(40*32)	49.40	40.35	39.90	39.70	32.30	31.90	30.00	22.20	26.20	54.80	S5(PN20)
40X15(50*20)	61.50	50.35	49.90	26.30	20.30	19.95	18.00	16.20	31.20	66.00	S5(PN20)
40X20(50*25)	61.50	50.35	49.90	31.80	25.30	24.95	23.00	18.70	31.20	66.00	S5(PN20)
40X25(50*32)	61.50	50.35	49.90	39.90	32.30	31.90	30.00	22.20	31.20	67.00	S5(PN20)
40X32(50*40)	61.90	50.35	49.90	49.70	40.35	39.90	38.00	26.20	31.20	65.00	S5(PN20)
50X15(63*20)	77.20	63.40	62.90	26.30	20.30	19.95	18.00	16.20	37.70	79.00	S5(PN20)
50X20(63*25)	77.30	63.40	62.90	31.80	25.30	24.95	23.00	18.70	37.70	79.00	S5(PN20)
50X25(63*32)	77.90	63.40	62.90	39.90	32.30	31.90	30.00	22.20	37.70	80.00	S5(PN20)
50X32(63*40)	77.30	63.40	62.90	49.70	40.35	39.90	38.00	26.20	37.70	80.00	S5(PN20)
50X40(63*50)	77.30	63.40	62.90	61.90	50.35	49.90	48.00	31.20	37.70	77.70	S5(PN20)
65X15(75*20)	90.80	75.40	74.90	26.30	20.30	19.95	18.00	16.20	43.70	93.00	S6.3(PN16)
65X20(75*25)	90.80	75.40	74.90	31.80	25.30	24.95	23.00	18.70	43.70	92.70	S6.3(PN16)
65X25(75*32)	90.80	75.40	74.90	39.90	32.30	31.90	30.00	22.20	43.70	93.50	S6.3(PN16)
65X32(75*40)	90.80	75.40	74.90	49.40	40.35	39.90	38.00	26.20	43.70	93.00	S6.3(PN16)
65X40(75*50)	91.00	75.40	74.90	61.70	50.35	49.90	48.00	31.20	43.70	93.30	S6.3(PN16)
65X50(75*63)	91.00	75.40	74.90	77.50	63.40	62.90	61.00	37.70	43.70	92.50	S6.3(PN16)
80X20(90*25)	107.30	90.50	89.90	32.00	25.30	24.95	23.00	18.70	51.20	108.00	S6.3(PN16)
80X25(90*32)	107.20	90.50	89.90	40.40	32.30	31.90	30.00	22.20	51.20	108.10	S6.3(PN16)
80X32(90*40)	107.20	90.50	89.90	49.70	40.35	39.90	38.00	26.20	51.20	108.50	S6.3(PN16)
80X40(90*50)	107.30	90.50	89.90	61.60	50.35	49.90	48.00	31.20	51.20	108.20	S6.3(PN16)
80X50(90*63)	107.30	90.50	89.90	77.30	63.40	62.90	61.00	37.70	51.20	108.00	S6.3(PN16)
80X65(90*75)	107.30	90.50	89.90	91.20	75.40	74.90	70.90	43.70	51.20	107.30	S6.3(PN16)
100X20(110*25)	127.00	110.60	109.90	32.00	25.30	24.95	23.00	18.70	61.20	127.80	S6.3(PN16)
100X25(110*32)	127.00	110.60	109.90	40.10	32.30	31.90	30.00	22.20	61.20	128.30	S6.3(PN16)
100X32(110*40)	126.80	110.60	109.90	49.70	40.35	39.90	38.00	26.20	61.20	128.60	S6.3(PN16)
100X40(110*50)	127.00	110.60	109.90	61.70	50.35	49.90	48.00	31.20	61.20	128.00	S6.3(PN16)
100X50(110*63)	127.40	110.60	109.90	77.50	63.40	62.90	61.00	37.70	61.20	128.00	S6.3(PN16)
100X65(110*75)	127.00	110.60	109.90	90.80	75.40	74.90	70.90	43.70	61.20	128.60	S6.3(PN16)
100X80(110*90)	127.00	110.60	109.90	107.30	90.50	89.90	85.90	51.20	61.20	127.40	S6.3(PN16)
De125*110	144.00	125.70	124.90	127.00	110.60	109.90	103.90	61.20	68.70	142.60	S6.3(PN16)
125X40(140*50)	161.60	140.75	139.90	61.60	50.30	49.90	48.00	31.11	76.20	157.60	S6.3(PN16)
125X50(140*63)	161.60	140.75	139.90	77.60	63.40	62.90	61.00	37.59	76.20	158.00	S6.3(PN16)
125X65(140*75)	161.60	140.75	139.90	91.00	75.35	74.90	70.90	43.57	76.20	158.50	S6.3(PN16)
125X80(140*90)	161.70	140.75	139.90	77.50	90.50	89.90	85.90	52.00	76.20	158.30	S6.3(PN16)
125X100(140*110)	161.80	140.75	139.90	127.20	110.60	109.90	103.90	61.02	76.20	157.70	S6.3(PN16)
De140*125	161.80	140.75	139.90	144.60	125.65	124.90	118.90	68.70	76.20	157.50	S6.3(PN16)
150X50(160*63)	184.60	160.70	159.90	127.00	63.35	62.90	61.00	37.82	87.00	180.50	S6.3(PN16)
150X65(160*75)	184.60	160.70	159.90	91.20	75.35	74.90	70.90	43.83	87.00	179.00	S6.3(PN16)

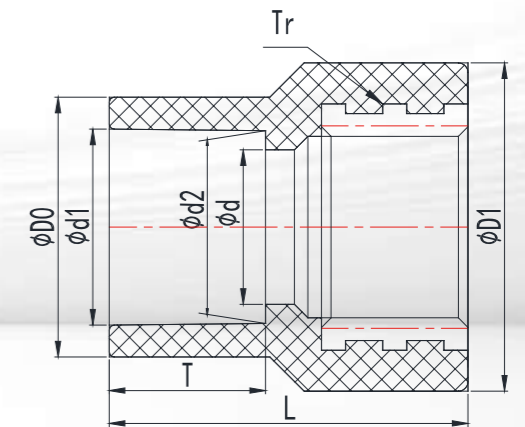
150X80(160*90)	184.60	160.70	159.90	107.70	90.50	89.90	85.90	51.36	87.00	178.70	S6.3(PN16)
150X100(160*110)	184.60	160.70	159.90	127.50	110.60	109.90	103.90	61.40	87.00	180.20	S6.3(PN16)
150X125(160*140)	184.60	160.70	159.90	161.90	140.75	139.90	133.90	77.00	87.00	177.30	S6.3(PN16)
De180*160	202.60	180.80	179.90	180.00	160.70	159.90	153.90	87.00	97.00	202.20	S6.3(PN16)
De200*160	230.00	201.00	199.90	184.00	160.80	159.90	153.90	86.20	106.20	217.50	S6.3(PN16)
200X150(225*160)	259.40	226.20	224.90	184.00	160.80	159.90	153.90	86.20	119.10	242.50	S6.3(PN16)
De225*200	259.40	226.20	224.90	230.50	201.00	199.90	193.50	106.20	119.10	243.00	S6.3(PN16)
De250*225	287.90	251.30	249.90	259.00	226.20	224.90	216.90	119.10	131.65	269.50	S8(PN16)
250X200(280*225)	314.80	281.30	279.90	259.40	226.20	224.90	216.90	119.10	147.00	304.50	S8(PN16)
300X250(315*280)	354.60	316.60	314.90	314.80	281.30	279.90	278.00	147.00	164.30	338.00	S8(PN16)
350X300(355*315)	391.00	356.80	355.00	354.60	316.60	314.90	306.90	164.30	184.30	384.00	PN6
400X300(400*315)	442.00	402.00	400.00	344.00	316.60	314.90	306.90	164.30	207.00	435.00	PN6
400X350(400*355)	442.00	402.00	400.00	384.25	356.80	355.00	326.00	184.30	207.00	430.70	PN6

PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)									
	D0	D1	D2	d0	d1	d2	d3	t	T	L
3/4"*1/2"	36.90	26.87	26.57	30.50	21.54	21.23	17.00	23.22	26.40	58.60
1"*1/2"	44.70	33.66	33.27	30.50	21.54	21.23	17.00	23.22	29.57	65.10
1"*3/4"	44.70	33.66	33.27	36.90	26.87	26.57	22.50	26.40	29.57	66.30
1-1/4"*1/2"	54.00	42.42	42.04	30.50	21.54	21.23	17.00	23.22	32.75	72.68
1-1/4"*3/4"	54.00	42.42	42.04	36.90	26.87	26.57	22.50	26.40	32.75	73.80
1-1/4"*1"	54.00	42.42	42.04	44.70	33.66	33.27	29.00	29.57	32.75	73.80
1-1/2"*3/4"	60.60	48.56	48.11	36.90	26.87	26.57	22.50	26.40	35.93	80.00
1-1/2"*1"	60.60	48.56	48.11	40.70	33.66	33.27	29.00	29.57	35.93	80.00
1-1/2"*1-1/4"	60.60	48.56	48.11	54.00	42.42	42.04	38.00	32.75	35.93	78.70
2"*1"	73.10	60.63	60.17	44.70	33.66	33.27	29.00	29.57	39.10	88.20
2"*1-1/4"	73.10	60.63	60.17	54.00	42.42	42.04	38.00	32.75	39.10	88.20
2"*1-1/2"	73.10	60.63	60.17	60.60	48.56	48.11	43.00	35.93	39.10	88.50
10"*8"	305.00	273.81	272.67	245.90	219.84	218.69	208.00	102.60	128.00	269.75

PVC-U/C  
COPPER THREADED REDUCER  
(DIN)



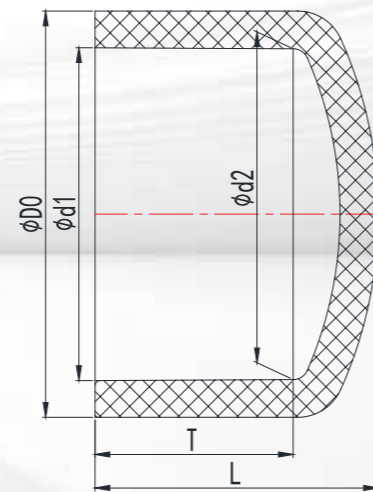
Brand: HUASHENG

Size DN	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	d1	d2	T	d	L	Tr	
15	26.90	34.00	20.30	19.95	16.20	16.00	37.20	1/2"	S5(PN20)
20	32.60	39.50	25.30	24.95	18.70	21.00	40.70	3/4"	S5(PN20)
25	40.10	46.50	32.30	31.90	22.20	28.00	47.90	1"	S5(PN20)

EXPERT IN PIPING SYSTEM



# PVC-U/C CAP (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)					Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d1	d2	T	L	
15	26.30	20.30	19.95	16.20	21.90	S5(PN20)
20	31.80	25.30	24.95	18.70	25.70	S5(PN20)
25	39.90	32.30	31.90	22.20	30.70	S5(PN20)
32	49.70	40.40	39.90	26.20	36.90	S5(PN20)
40	61.90	50.40	49.90	31.20	44.70	S5(PN20)
50	77.90	63.40	62.90	37.70	54.00	S5(PN20)
65	91.20	75.40	74.90	43.70	62.60	S6.3(PN16)
80	107.60	90.50	89.90	51.20	73.30	S6.3(PN16)
100	127.00	110.60	109.90	61.20	84.50	S6.3(PN16)
De125	144.30	125.70	124.90	68.70	96.10	S6.3(PN16)
125	161.60	140.80	139.90	76.20	109.70	S6.3(PN16)
150	184.60	160.80	159.90	86.20	126.20	S6.3(PN16)
De180	202.60	180.90	179.90	97.00	142.90	S6.3(PN16)
De200	230.50	201.00	199.90	106.20	151.10	S6.3(PN16)
200	259.40	226.20	224.90	119.10	170.40	S6.3(PN16)
De250	287.90	251.30	249.90	131.65	186.90	S8(PN16)
250	314.80	281.50	279.90	147.00	212.50	S8(PN16)
300	358.20	316.70	314.90	164.30	234.50	S8(PN16)
350	391.00	356.80	355.00	184.30	265.00	PN6
400	442.00	402.00	400.00	204.20	294.00	PN6

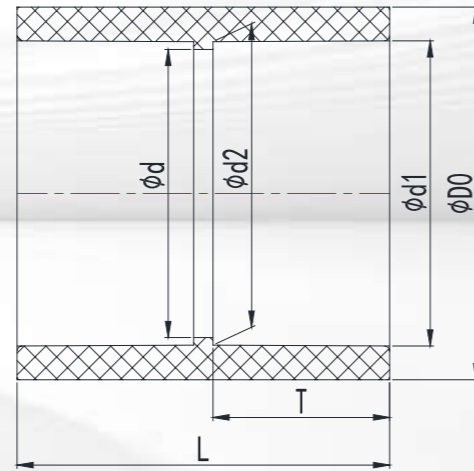
## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)				
	D0	d1	d2	T	L
1/2"	29.54	21.54	21.23	23.22	30.80
3/4"	35.31	26.87	26.57	26.40	35.13
1"	43.70	33.66	33.27	29.57	40.00
1-1/4"	53.05	42.42	42.04	32.75	45.00
1-1/2"	59.86	48.56	48.11	35.93	49.00
2"	72.23	60.63	60.17	39.10	53.95
2-1/2"	87.98	73.38	72.85	45.45	64.20
3"	105.30	89.31	88.70	48.63	58.00
4"	132.00	114.76	114.07	58.15	81.00
5"	161.80	141.81	141.04	67.68	106.50
6"	190.85	168.83	168.00	77.20	119.55
8"	245.85	219.84	218.69	102.60	141.70
10"	305.80	273.81	272.67	128.00	186.25
12"	361.60	324.60	323.47	153.40	228.00



# PVC-U/C COUPLING (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

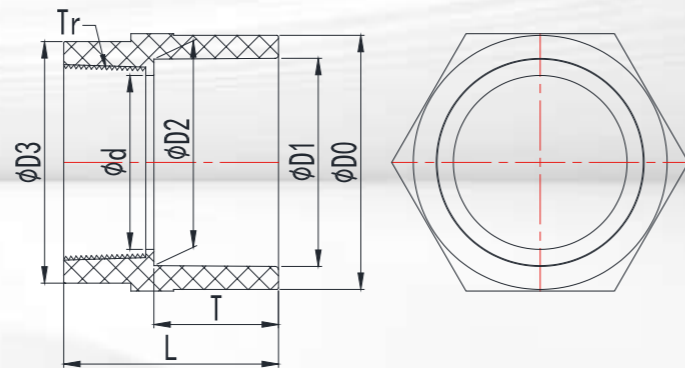
Size DN	Dimensions (mm)						Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d1	d2	d	T	L	
15	26.30	20.30	19.95	18.00	16.20	34.40	S5(PN20)
20	31.80	25.30	24.95	23.00	18.70	39.00	S5(PN20)
25	39.90	32.30	31.90	30.00	22.20	46.40	S5(PN20)
32	49.40	40.40	39.90	38.00	26.20	54.40	S5(PN20)
40	61.40	50.40	49.90	48.00	31.20	64.40	S5(PN20)
50	77.10	63.40	62.90	61.00	37.70	77.10	S5(PN20)
65	91.00	75.40	74.90	68.20	43.70	90.00	S6.3(PN16)
80	107.60	90.50	89.90	83.80	51.20	106.40	S6.3(PN16)
100	127.20	110.60	109.90	103.00	61.20	128.30	S6.3(PN16)
De125	144.30	125.70	124.90	118.60	68.70	144.00	S6.3(PN16)
125	161.60	140.80	139.90	133.80	76.20	159.50	S6.3(PN16)
150	184.60	160.80	159.90	153.80	86.20	179.70	S6.3(PN16)
De180	202.60	180.90	179.90	178.50	97.00	199.00	S6.3(PN16)
De200	230.30	201.00	199.90	193.50	106.20	217.50	S6.3(PN16)
200	259.40	226.20	224.90	216.90	119.10	243.00	S6.3(PN16)
De250	287.90	251.30	249.90	241.90	131.65	268.30	S8(PN16)
250	314.50	281.50	279.90	278.00	147.00	300.00	S8(PN16)
300	354.00	316.70	314.90	306.90	164.30	335.40	S8(PN16)
350	384.25	356.80	355.00	326.00	184.30	373.50	PN6
400	430.15	402.00	400.00	369.80	205.50	422.80	PN6

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)					
	D0	d1	d2	d	T	L
1/2"	30.50	21.54	21.23	17.00	23.22	50.40
3/4"	36.90	26.87	26.57	22.50	26.40	56.80
1"	44.70	33.66	33.27	29.00	29.57	63.10
1-1/4"	54.00	42.42	42.04	38.00	32.75	69.50
1-1/2"	60.60	48.56	48.11	43.00	35.93	75.80
2"	73.10	60.63	60.17	55.00	39.10	82.20
2-1/2"	88.40	73.38	72.85	67.50	45.45	96.00
3"	105.30	89.31	88.70	83.00	48.63	102.30
4"	132.00	114.76	114.07	106.00	58.15	124.00
5"	161.90	141.81	141.04	133.00	67.68	144.00
6"	190.90	168.83	168.00	160.00	77.20	164.40
8"	245.90	219.84	218.69	208.00	102.60	215.20
10"	305.80	273.81	272.67	262.50	128.00	266.00
12"	360.60	324.60	323.47	313.00	153.40	316.80
14"	394.11	355.94	354.33	331.50	200.00	378.00
16"	450.00	407.19	405.33	363.80	230.66	420.00

# PVC-U/C FEMALE ADAPTOR (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	D3	d	T	L	Tr	
15	27.10	20.30	19.95	27.60	16.50	16.50	33.50	1/2"	S5(PN20)
20	32.50	25.30	24.95	33.60	22.00	19.00	37.00	3/4"	S5(PN20)
25	40.30	32.30	31.90	41.30	28.00	22.50	42.20	1"	S5(PN20)
32	49.50	40.35	39.90	51.10	36.00	26.50	49.00	1-1/4"	S5(PN20)
40	61.60	50.35	49.90	59.00	42.00	31.50	54.00	1-1/2"	S5(PN20)
50	77.40	63.40	62.90	73.60	53.00	38.00	65.50	2"	S5(PN20)
65	90.40	75.40	74.90	90.20	68.00	44.00	76.00	2-1/2"	S6.3(PN16)
80	106.50	90.50	89.90	107.60	80.00	51.50	86.50	3"	S6.3(PN16)
100	126.90	110.60	109.90	129.40	104.50	61.50	103.00	4"	S6.3(PN16)

## PARAMETERS (ASTM SCH80)

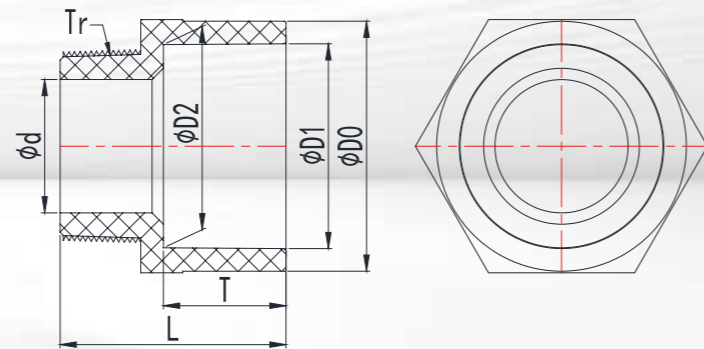
Brand: CENIT

Size (*")	Dimensions (mm)							
	D0	D1	D2	D3	d	T	L	Tr NTP
1/2"	29.70	21.54	21.23	29.22	16.00	23.22	40.22	1/2"
3/4"	35.30	26.87	26.57	34.97	20.60	26.40	44.40	3/4"
1"	43.70	33.66	33.27	43.35	26.00	29.57	49.60	1"
1-1/4"	53.10	42.42	42.04	52.58	36.00	32.75	55.25	1-1/4"
1-1/2"	59.90	48.56	48.11	59.45	41.00	35.93	58.45	1-1/2"
2"	73.10	60.63	60.17	72.10	52.00	39.10	66.60	2"
2-1/2"	88.00	73.38	72.85	87.30	64.00	45.45	77.50	2-1/2"
3"	105.30	89.31	88.70	104.60	78.00	48.63	83.65	3"
4"	132.00	114.76	114.07	131.65	102.50	58.15	99.70	4"

EXPERT IN PIPING SYSTEM



# PVC-U/C MALE ADAPTOR (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	d	T	L	Tr	
15	26.80	20.30	19.95	11.30	16.50	35.00	1/2"	S5(PN20)
20	32.50	25.30	24.95	16.10	19.00	38.50	3/4"	S5(PN20)
25	40.30	32.30	31.90	21.40	22.50	44.50	1"	S5(PN20)
32	49.50	40.35	39.90	28.80	26.50	51.00	1-1/4"	S5(PN20)
40	61.60	50.35	49.90	32.50	31.50	56.50	1-1/2"	S5(PN20)
50	77.00	63.40	62.90	41.30	38.00	69.40	2"	S5(PN20)
65	90.40	75.40	74.90	55.80	44.00	79.90	2-1/2"	S6.3(PN16)
80	106.50	90.50	89.90	67.30	51.50	91.50	3"	S6.3(PN16)
100	126.90	110.60	109.90	91.60	61.50	108.00	4"	S6.3(PN16)

## PARAMETERS (ASTM SCH80)

Brand: CENIT

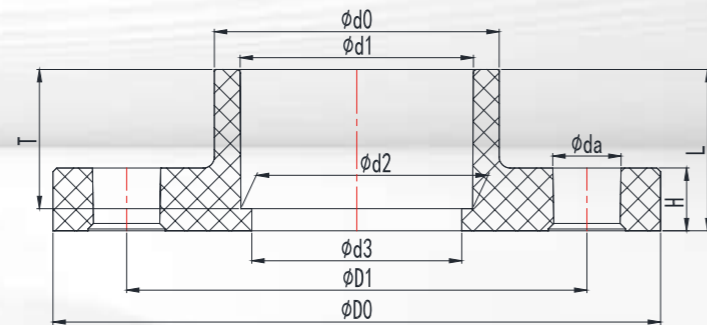
Size (*")	Dimensions (mm)						
	D0	D1	D2	d	T	L	Tr
1/2"	29.55	21.54	21.23	11.30	23.22	41.50	1/2"
3/4"	35.30	26.87	26.57	16.00	26.40	45.90	3/4"
1"	43.66	33.66	33.27	21.35	29.57	51.50	1"
1-1/4"	50.00	42.42	42.04	28.80	32.75	56.80	1-1/4"
1-1/2"	59.85	48.56	48.11	32.50	35.93	61.50	1-1/2"
2"	72.25	60.63	60.17	41.30	39.10	71.00	2"
2-1/2"	88.00	73.38	72.85	55.80	45.45	82.00	2-1/2"
3"	105.45	89.31	88.70	67.30	48.63	88.65	3"
4"	132.00	114.76	114.07	91.60	58.15	104.65	4"

EXPERT IN PIPING SYSTEM





# PVC-U/C ONE-PIECE FLANGE (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

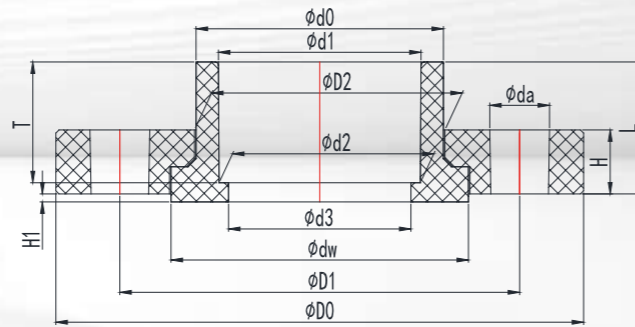
Size DN	Dimensions (mm)											Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	d0	d1	d2	d3	da	T	H	L	HOLE NO.	
15	95.00	65.00	26.80	20.30	19.95	16.00	14.00	16.20	12.40	20.20	4	PN16
20	105.00	75.00	32.50	25.30	24.95	21.00	14.00	18.70	13.50	22.70	4	PN16
25	115.00	85.00	40.30	32.30	31.90	28.00	14.00	22.20	15.00	26.20	4	PN16
32	140.00	100.00	49.30	40.35	39.90	36.00	18.00	26.20	14.40	31.20	4	PN16
40	150.00	110.00	61.60	50.35	49.90	46.00	18.00	31.20	15.50	36.20	4	PN16
50	165.00	125.00	77.40	63.40	62.90	57.00	18.00	37.70	15.50	43.70	4	PN16
65	185.00	145.00	90.40	75.40	74.90	69.00	18.00	43.70	17.30	50.20	4	PN16
80	200.00	160.00	106.50	90.50	89.90	83.00	18.00	51.20	18.50	58.70	8	PN16
100	220.00	180.00	126.90	110.60	109.90	103.00	18.00	61.20	20.30	68.70	8	PN16
De125	250.00	210.00	144.00	125.70	124.90	117.00	18.00	68.70	22.00	77.20	8	PN16
125	250.00	210.00	161.30	140.75	139.90	131.50	18.00	76.20	22.20	84.70	8	PN16
150	285.00	240.00	184.30	160.80	159.90	151.00	22.00	86.20	25.00	95.70	8	PN16
De180	285.00	240.00	202.60	180.80	179.90	166.00	22.00	97.00	25.50	115.00	8	PN10
De200	340.00	295.00	227.00	201.00	199.90	190.00	22.00	106.20	26.30	116.20	8	PN10
200	340.00	295.00	254.10	226.20	224.90	216.00	22.00	119.10	27.00	129.70	8	PN10
De250	395.00	350.00	281.30	251.30	249.90	239.50	22.00	131.65	28.00	142.20	12	PN10
250	405.00	350.00	310.40	281.50	279.90	264.00	22.00	147.00	29.00	169.00	12	PN10
300	445.00	400.00	354.60	316.70	314.90	302.00	22.00	167.70	31.50	179.70	12	PN10

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (")	Dimensions (mm)										
	D0	D1	d0	d1	d2	d3	da	T	H	L	HOLE NO.
1/2"	89.00	60.30	29.54	21.54	21.23	17.00	16.00	23.22	13.00	27.72	4
3/4"	89.00	69.85	35.27	26.87	26.57	22.50	16.00	26.40	14.00	30.90	4
1"	108.00	79.38	43.66	33.66	33.27	29.00	16.00	29.57	15.00	34.10	4
1-1/4"	117.00	88.90	53.02	42.42	42.04	38.00	16.00	32.75	15.00	38.75	4
1-1/2"	127.00	98.43	59.86	48.56	48.11	43.00	16.00	35.93	17.00	41.95	4
2"	152.00	120.65	72.23	60.63	60.17	55.00	19.00	39.10	19.00	46.10	4
2-1/2"	178.00	139.70	88.00	73.38	72.85	67.50	19.00	45.45	20.00	53.00	4
3"	191.00	152.40	105.30	89.31	88.70	83.00	19.00	48.63	20.50	57.15	4
4"	229.00	190.50	132.00	114.76	114.07	106.00	19.00	58.15	21.00	66.65	8
5"	254.00	216.00	162.00	141.81	141.04	133.00	22.00	67.68	23.50	77.50	8
6"	284.00	241.30	190.85	168.83	168.00	160.00	22.00	77.20	26.50	88.20	8
8"	343.00	298.45	245.84	219.84	218.69	208.00	22.00	102.60	27.00	113.60	8

# PVC-U/C VANSTONE FLANGE (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

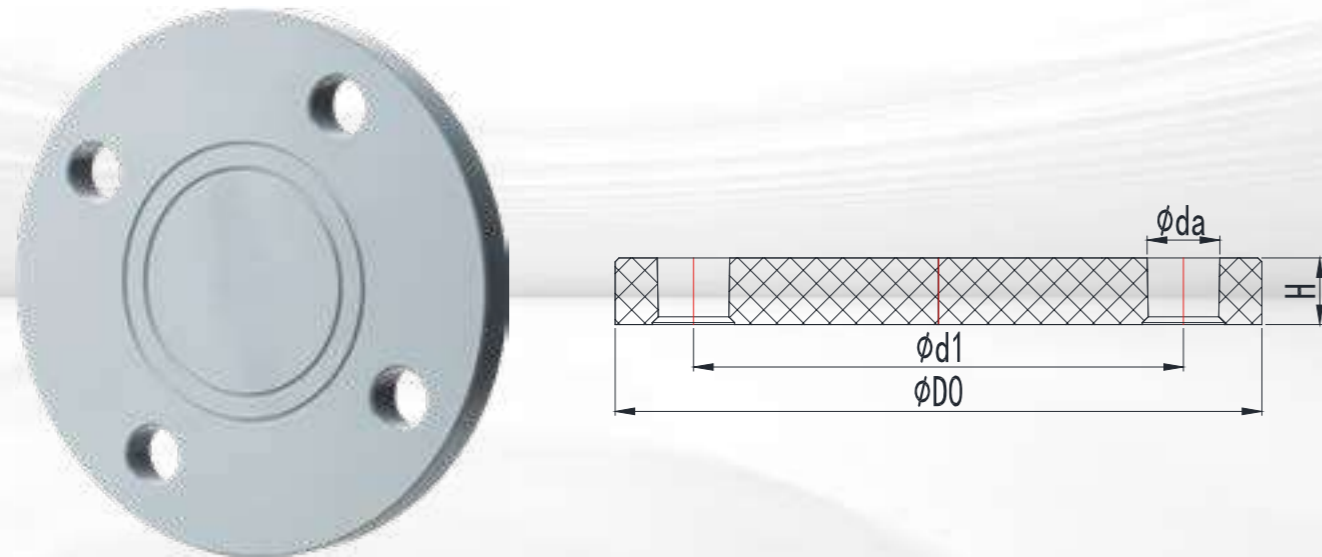
Size DN	Dimensions (mm)														Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	D1	D2	d0	d1	d2	d3	dw	da	T	H1	H	L	HOLE NO.	
15	95.00	65.00	31.00	30.50	20.30	19.95	16.00	37.60	14.00	23.22	2.50	13.00	24.70	4	PN16
20	105.00	75.00	37.90	36.90	25.35	24.95	20.60	47.00	14.00	26.40	2.50	14.00	27.90	4	PN16
25	115.00	85.00	45.70	44.70	32.35	31.95	27.00	56.00	14.00	29.58	2.50	15.00	31.08	4	PN16
32	140.00	100.00	55.00	54.00	40.40	39.95	36.00	64.00	18.00	32.75	2.50	15.00	35.25	4	PN16
40	150.00	110.00	62.60	61.60	50.35	49.90	45.00	74.00	18.00	31.20	2.50	18.00	33.70	4	PN16
50	165.00	125.00	78.40	77.40	63.40	62.90	57.00	93.00	18.00	37.70	2.50	20.00	41.20	4	PN16
65	185.00	145.00	91.40	90.40	75.40	74.90	69.00	110.00	18.00	43.70	2.50	23.00	47.20	4	PN16
80	200.00	160.00	107.50	106.50	90.50	89.90	83.00	126.00	18.00	51.20	2.50	26.00	55.70	8	PN16
100	220.00	180.00	127.90	126.90	110.60	109.90	103.00	147.00	18.00	61.20	2.50	28.00	65.70	8	PN16
De125	250.00	210.00	145.00	144.00	125.70	124.90	117.00	164.00	18.00	68.70	2.50	29.00	74.20	8	PN16
125	250.00	210.00	162.30	161.30	140.75	139.90	131.50	181.00	18.00	76.20	2.50	30.00	81.70	8	PN16
150	285.00	240.00	186.30	184.30	160.80	159.90	151.00	204.00	22.00	86.20	3.00	32.00	92.20	8	PN16
De180	340.00	295.00	229.00	227.00	201.00	199.90	190.00	257.40	22.00	106.20	3.00	36.00	112.20	8	PN10
De200	340.00	295.00	256.10	254.10	226.20	224.90	216.00	271.00	22.00	119.10	3.00	38.00	127.70	8	PN10
200	395.00	350.00	283.30	281.30	251.30	249.90	239.50	310.00	22.00	131.65	3.50	40.00	138.20	12	PN10
De250	398.00	351.50	308.00	305.50	281.50	280.15	272.00	325.00	22.00	147.00	10.00	35.00	159.00	12	PN10
300	445.00	400.00	356.60	354.60	316.70	314.90	302.00	373.00	22.00	167.70	5.00	44.00	175.70	12	PN10
350	510.00	450.00	393.00	391.00	356.80	355.00	326.00	417.00	24.00	184.30	32.00	40.00	197.00	16	PN10
400	570.00	500.00	444.00	442.00	402.00	400.00	369.80	453.00	24.00	204.20	40.00	44.00	226.00	16	PN10
De450	620.00	565.00	488.50	486.00	451.94	450.05	447.00	518.00	27.00	233.00	38.00	45.00	245.00	20	PN10
De500	670.00	620.00	541.00	536.50	502.80	500.60	596.00	573.00	27.00	257.40	38.00	50.00	268.00	20	PN10

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (+")	Dimensions (mm)														HOLE NO.
	D0	D1	D2	d0	d1	d2	d3	dw	da	T	H1	H	L		
1/2"	89	61	31	30.5	21.54	21.23	16	37.6	16	23.22	2.5	13	24.72	4	
3/4"	98	70	37.9	36.9	26.87	26.57	20.6	47	16	26.4	2.5	14	27.9	4	
1"	108	79	45.7	44.7	33.66	33.27	27	56	16	29.58	2.5	15	31.08	4	
1-1/4"	117	89	55	54	42.42	42.04	36	64	16	32.75	2.5	15	35.25	4	
1-1/2"	127	98	62.6	61.6	50.46	50.46	45	72.4	16	35.93	2.5	18	38.43	4	
2"	152	121	74.1	73.1	60.63	60.17	52.5	88.5	19	39.1	2.5	20	42.6	4	
2-1/2"	178	140	89.4	88.4	73.38	72.85	65	108	19	45.5	2.5	23	49	4	
3"	191	152	106.3	105.3	89.31	88.7	80	124.8	19	48.63	2.5	26	53.13	4	
4"	229	191	133	132	114.76	114.07	102	152	19	58.15	2.5	28	62.65	8	
5"	254	216	162.9	161.9	141.81	141.04	122	181.5	22	68	2.5	30	73.5	8	
6"	284	241	192.5	191.5	168.83	168	150	209.5	22	77.2	3	32	83.2	8	
8"	343	298	247.9	246.9	219.84	218.69	193	264.9	22	102.6	3	36	108.6	8	
10"	410	362	309.8	305.8	273.81	272.67	262.5	327.37	24	128	3	42	138	12	
12"	482.6	432	366.6	362.6	324.6	323.47	313.	384.60	24	153.4	3	44	166	12	
14"	534	476.3	402	399.2	356.6	355.5	331.5	426.6	28.6	183.5	3	52	186	12	
16"	600	540.8	456	451.6	407.6	406.36	342.5	482.4	28.6	208	3	60	210	16	

# PVC-U/C BLIND FLANGE (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)					Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d1	da	H	螺孔数 n	
15	95.00	65.00	14.00	12.50	4	16
20	105.00	75.00	14.00	13.40	4	16
25	115.00	85.00	14.00	14.00	4	16
32	140.00	100.00	18.00	14.40	4	16
40	150.00	110.00	18.00	16.40	4	16
50	165.00	125.00	18.00	16.20	4	16
65	185.00	145.00	18.00	17.50	4	16
80	200.00	160.00	18.00	18.00	8	16
100	220.00	180.00	18.00	22.00	8	16
150	285.00	240.00	22.00	28.00	8	16
300	445.00	400.00	22.00	31.50	12	10
350	510.00	450.00	24.00	40.00	16	10
400	570.00	500.00	27.00	42.00	16	10

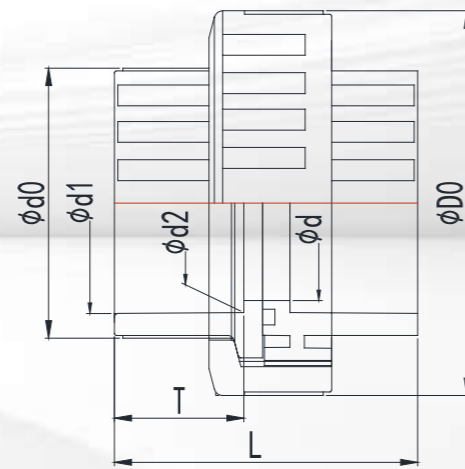
## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)					HOLE NO.
	D0	d1	da	H		
1/2"	89.00	60.30	16.00	14.50	4	4
3/4"	89.00	69.85	16.00	15.30	4	4
1"	108.00	79.38	16.00	16.30	4	4
1-1/4"	117.00	88.90	16.00	15.80	4	4
1-1/2"	127.00	98.43	16.00	18.50	4	4
2"	152.00	120.65	19.00	20.50	4	4
2-1/2"	178.00	139.70	19.00	21.30	4	4
3"	191.00	152.40	19.00	22.00	4	4
4"	229.00	190.50	19.00	23.20	8	8
5"	254.00	216.00	22.00	25.00	8	8
6"	284.00	241.30	22.00	28.30	8	8
8"	343.00	298.45	22.00	28.70	8	8
10"	410.00	362.00	24.00	40.00	12	12
12"	482.60	432.00	24.00	42.00	12	12
14"	534.00	476.30	28.60	45.00	12	12
16"	598.35	540.80	28.60	52.00	16	16



# PVC-U/C UNION (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

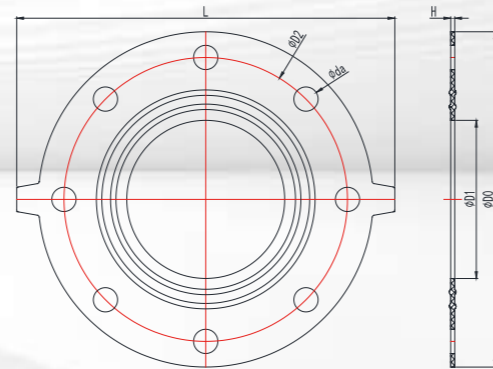
Size DN	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d0	d1	d2	d	T	L	
15	47.00	26.80	20.30	19.95	15.50	16.50	41.50	PN10
20	53.90	32.00	25.30	24.95	20.00	19.00	48.00	PN10
25	67.00	40.30	32.30	31.90	26.00	22.50	55.00	PN10
32	78.50	49.10	40.35	39.90	34.00	26.50	63.50	PN10
40	93.00	61.60	50.35	49.90	43.00	31.50	75.50	PN10
50	110.60	76.00	63.40	62.90	56.00	38.00	89.50	PN10
65	130.00	89.60	75.40	74.90	67.00	44.00	102.00	PN10
80	147.50	105.50	90.50	89.90	82.00	51.50	120.00	PN10
100	173.00	126.50	110.60	109.90	102.00	61.50	140.00	PN10

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)						
	D0	d0	d1	d2	d	T	L
1/2"	47.00	29.54	21.54	21.23	17.00	23.22	48.20
3/4"	54.00	35.36	26.87	26.57	22.50	26.40	55.50
1"	67.00	43.66	33.66	33.27	29.00	29.57	62.10
1-1/4"	78.50	53.02	42.42	42.04	38.00	32.75	70.00
1-1/2"	93.00	59.86	48.56	48.11	43.00	35.93	80.00
2"	110.60	72.23	60.63	60.17	55.00	39.10	90.50
2-1/2"	130.60	88.00	73.38	72.85	67.50	45.45	104.00
3"	148.50	105.30	89.31	88.70	83.00	48.63	117.00
4"	173.50	132.00	114.76	114.07	106.00	58.15	136.60

# EPDM/FPM FLANGE GASKET (DIN/ASTM)



## PARAMETERS (DIN)

Brand: HUASHENG

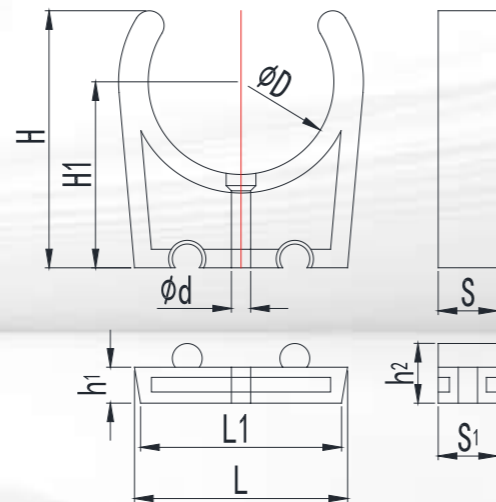
Size DN	Dimensions (mm)						
	D0	D1	D2	da	H	L	螺孔数 n
15	93.00	16.00	65.00	14.00	3.00	115.00	4
20	103.00	21.00	75.00	14.00	3.00	125.00	4
25	113.00	28.00	85.00	14.00	3.00	135.00	4
32	138.00	36.00	100.00	18.00	3.00	160.00	4
40	148.00	45.00	110.00	18.00	3.00	170.00	4
50	163.00	57.00	125.00	18.00	3.00	185.00	4
65	183.00	69.00	145.00	18.00	3.00	205.00	4
80	198.00	83.00	160.00	18.00	3.00	220.00	8
100	218.00	103.00	180.00	18.00	3.00	250.00	8
De125	248.00	117.00	210.00	18.00	3.00	280.00	8
125	248.00	131.50	210.00	18.00	3.00	280.00	8
150	283.00	151.00	240.00	22.00	3.00	315.00	8
De180	283.00	166.00	240.00	22.00	3.00	315.00	8
De200	338.00	190.00	295.00	22.00	3.00	370.00	8
200	338.00	203.00	295.00	22.00	3.00	370.00	8
De250	393.00	239.50	350.00	22.00	3.00	430.00	12
300	443.00	302.00	400.00	22.00	3.00	485.00	12
350	500.00	320.00	450.00	22.00	3.00	550.00	16
400	550.00	350.00	500.00	22.00	3.00	590.00	16

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)						
	D0	D1	D2	da	H	L	HOLE NO.
1/2"	87.00	16.00	60.33	16.00	3.00	109.00	4
3/4"	96.00	20.60	69.85	16.00	3.00	118.00	4
1"	106.00	27.00	79.38	16.00	3.00	128.00	4
1-1/4"	115.00	36.00	88.90	16.00	3.00	134.70	4
1-1/2"	125.00	41.50	98.43	16.00	3.00	146.60	4
2"	150.00	52.50	120.65	19.00	3.00	172.00	4
2-1/2"	176.00	65.00	139.70	19.00	3.00	198.00	4
3"	189.00	80.00	152.40	19.00	3.00	209.00	4
4"	226.00	102.00	190.50	19.00	3.00	258.00	8
5"	250.00	122.00	215.90	22.00	3.00	282.00	8
6"	281.00	150.00	241.30	22.00	3.00	313.00	8
8"	340.00	193.00	298.45	22.00	3.00	372.00	8
10"	408.00	262.50	362.00	25.00	3.00	450.00	12
12"	482.00	313.00	432.00	25.00	3.00	524.00	12
14"	543.00	342.50	476.30	28.60	3.00	573.00	12
16"	600.00	388.00	540.80	28.60	3.00	630.00	16

# PVC-U BRACKET (DIN)



## PARAMETERS (DIN)

Brand: HUASHENG

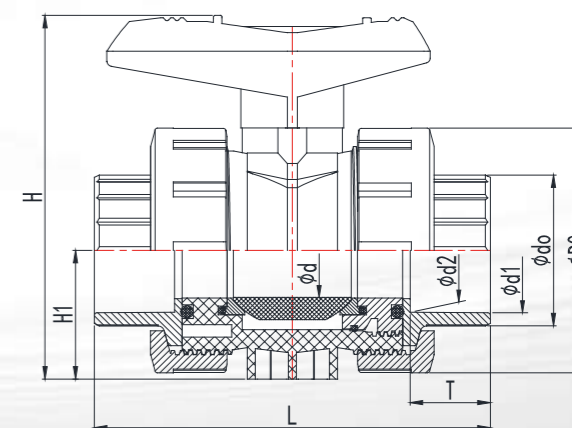
Size DN	Dimensions (mm)									
	D	H	H1	d	S	L	L1	h1	h2	S1
15	20.20	35.40	27.20	5.20	16.00	-	-	-	-	-
20	25.10	41.00	30.50	5.20	16.00	-	-	-	-	-
25	32.10	52.80	40.00	5.20	16.00	-	-	-	-	-
32	40.10	59.30	44.00	5.20	16.00	-	-	-	-	-
40	50.10	71.20	52.00	5.20	16.00	-	-	-	-	-
50	63.10	88.50	65.00	5.20	16.00	-	-	-	-	-
65	75.10	91.80	62.50	5.20	16.00	82.85	79.11	20.00	26.90	16.00
80	90.10	103.90	69.00	5.20	20.00	97.22	91.87	30.00	36.90	20.00
100	110.10	124.50	85.00	5.20	20.00	105	96.38	30.00	36.90	20.00
125	140.10	154.50	108.00	9.00	25.40					

EXPERT IN PIPING SYSTEM





## PVC-U/C SOCKET TRUE UNION BALL VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: socket
5. Color: handle red, body: dark gray

#### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test.

# VALVE

**PARAMETERS (DIN)**

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	T	H1	H	L
15(20)	51.50	27.40	20.30	19.95	15.50	17.00	26.30	82.80	95.50
20(25)	59.00	32.70	25.30	24.95	20.50	19.50	30.60	92.80	109.10
25(32)	70.00	41.30	32.30	31.90	26.00	23.00	39.10	109.20	122.60
32(40)	85.40	49.60	40.35	39.90	33.00	27.00	44.20	131.80	147.30
40(50)	98.90	60.20	50.35	49.90	39.00	32.00	52.20	143.20	158.80
50(63)	122.20	76.00	63.40	62.90	51.00	38.50	71.30	175.70	182.80
65(75)	158.60	89.60	75.40	74.90	64.00	44.50	82.80	231.50	234.00
80(90)	192.10	105.40	90.50	89.90	81.00	52.00	99.30	260.60	255.00
100(110)	223.60	128.40	110.60	109.90	99.00	62.00	115.20	292.10	297.00

**PARAMETERS (ASTM SCH80)**

Brand: CENIT

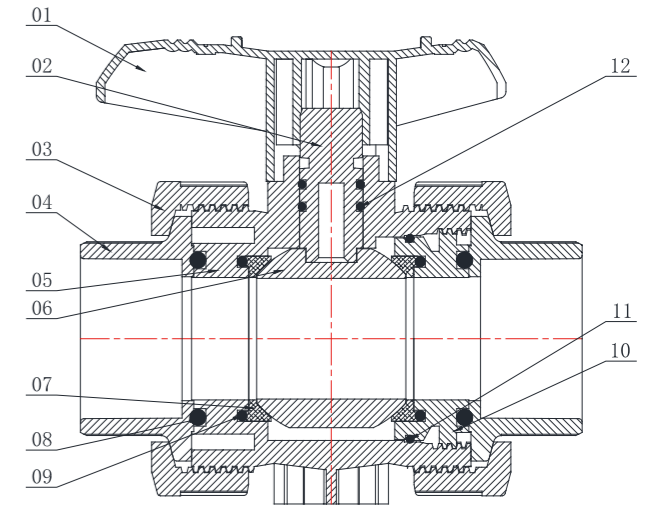
Size (*")	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
1/2"	51.50	27.40	21.54	21.23	15.50	26.30	82.80	23.22	107.90
3/4"	59.00	32.70	26.87	26.57	20.50	30.60	92.80	26.40	122.90
1"	70.00	41.30	33.66	33.27	26.00	39.10	109.20	29.57	135.70
1-1/4"	85.40	49.60	42.42	42.04	33.00	44.20	131.80	32.75	158.80
1-1/2"	98.90	60.20	48.56	48.11	39.00	52.20	143.20	32.00	166.80
2"	122.20	76.00	60.63	60.17	51.00	71.30	175.70	39.10	182.80
2-1/2"	158.60	89.60	73.38	72.85	64.00	82.80	231.50	44.50	236.00
3"	192.10	105.40	89.31	88.70	81.00	99.30	260.60	48.60	249.00
4"	223.60	128.40	114.76	114.07	99.00	115.20	292.10	58.15	289.00

**PARAMETERS (JIS)**

Brand: CENIT

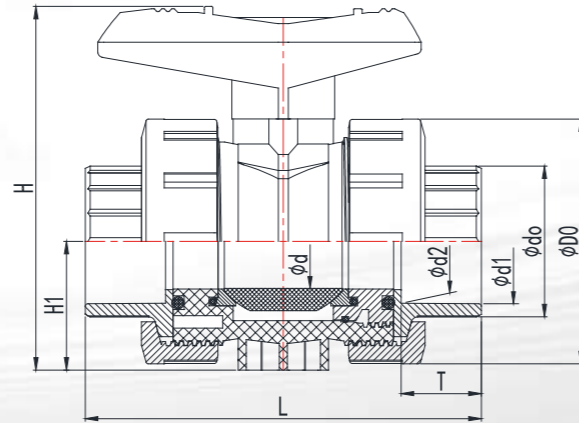
Size A	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
16	51.50	30.50	22.40	21.60	15.50	26.30	82.80	30.00	121.80
20	59.00	34.11	26.45	25.51	20.50	30.60	92.80	35.00	140.60
25	70.00	41.30	32.66	31.50	26.00	39.10	109.20	40.00	157.10
30	85.40	48.16	38.60	37.43	33.00	44.20	131.80	44.00	184.00
40	98.90	59.10	48.85	47.38	39.00	52.20	143.20	55.00	207.20
50	122.20	72.10	61.00	59.27	51.00	71.30	175.70	63.00	235.00
65	158.60	89.23	77.10	75.73	64.00	82.80	231.50	63.00	273.00
75	192.10	105.33	89.60	88.58	81.00	99.30	260.60	64.00	279.00
100	223.60	133.07	114.70	113.55	99.00	115.20	292.10	84.00	342.60

NO.	Name	Quantity	Material
01	Lever	1	PVC-U/PP+GF30
02	Shaft	1	PVC-U/C
03	Nut	2	PVC-U/C
04	Faucet	2	PVC-U/C
05	Body	1	PVC-U/C
06	Ball	1	PVC-U/C
07	Ball Seat	2	PTFE
08	O-ring1	2	EPDM/FPM
09	O-ring2	2	EPDM/FPM
10	Seal Carrier	1	PVC-U/C
11	O-ring3	1	EPDM/FPM
12	O-ring4	2	EPDM/FPM





# PVC-U/C THREADED TRUE UNION BALL VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: Threaded
5. Color: handle red, body dark gray

### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)										
	D0	d0	d1	d2	d3	d	H1	H	T	L	Tr 螺纹
15(20)	51.50	30.43	20.95	18.63	16.00	15.50	26.30	82.80	17.00	95.50	1/2"
20(25)	59.00	36.30	26.44	24.12	20.60	20.50	30.60	92.80	19.50	109.10	3/4"
25(32)	70.00	44.61	33.25	30.29	26.00	26.00	39.10	109.20	23.00	122.60	1"
32(40)	85.40	53.87	41.91	38.95	33.00	33.00	44.20	131.80	27.00	147.30	1-1/4"
40(50)	98.90	61.12	47.80	44.85	39.00	39.00	52.20	143.20	32.00	158.80	1-1/2"
50(63)	122.20	73.83	59.61	56.66	51.00	51.00	71.30	175.70	38.50	182.80	2"
65(75)	158.60	87.71	75.18	74.23	64.00	64.00	82.80	231.50	44.50	234.00	2-1/2"
80(90)	192.10	106.81	87.88	84.93	81.00	81.00	99.30	260.60	52.00	255.00	3"
100(110)	223.60	133.46	113.03	110.07	99.00	99.00	115.20	292.10	62.00	297.00	4"

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)										
	D0	d0	d1	d2	d3	d	H1	H	T	L	Tr 螺纹
1/2"	51.50	30.43	20.95	18.63	16.00	15.50	26.30	82.80	17.00	95.50	1/2"
3/4"	59.00	36.30	26.44	24.12	20.60	20.50	30.60	92.80	19.50	109.10	3/4"
1"	70.00	44.61	33.25	30.29	26.00	26.00	39.10	109.20	23.00	122.60	1"
1-1/4"	85.40	53.87	41.91	38.95	33.00	33.00	44.20	131.80	27.00	147.30	1-1/4"
1-1/2"	98.90	61.12	47.80	44.85	39.00	39.00	52.20	143.20	32.00	158.80	1-1/2"
2"	122.20	73.83	59.61	56.66	51.00	51.00	71.30	175.70	38.50	182.80	2"
2-1/2"	158.60	87.71	75.18	74.23	64.00	64.00	82.80	231.50	44.50	234.00	2-1/2"
3"	192.10	106.81	87.88	84.93	81.00	81.00	99.30	260.60	52.00	255.00	3"
4"	223.60	133.46	113.03	110.07	99.00	99.00	115.20	292.10	62.00	297.00	4"

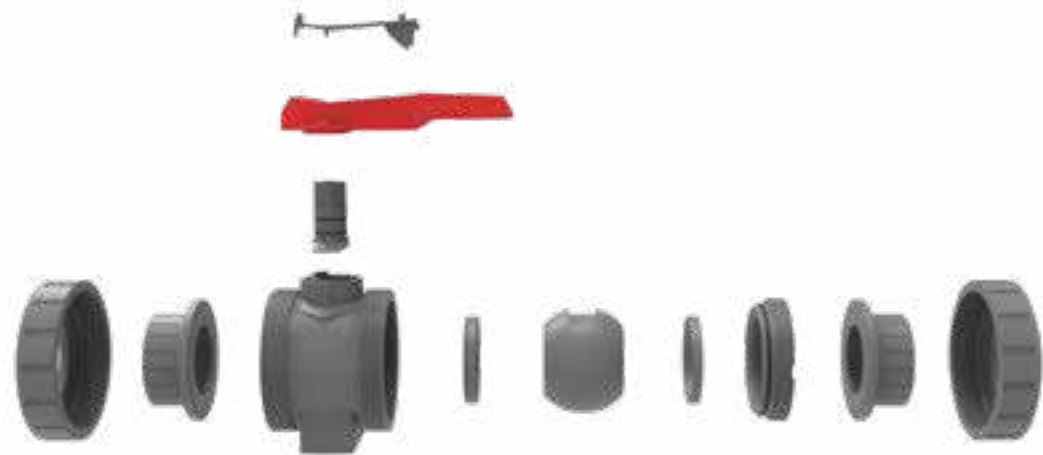
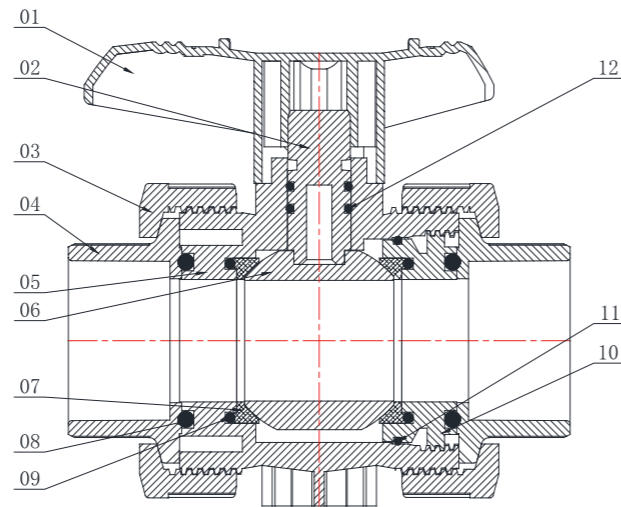
## PARAMETERS (JIS)

Brand: CENIT

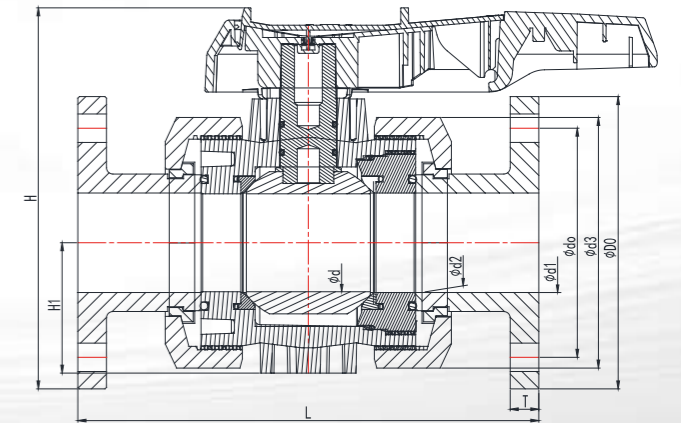
Size A	Dimensions (mm)										
	D0	d0	d1	d2	d3	d	H1	H	T	L	Tr 螺纹
16	51.50	30.43	20.95	18.63	16.00	15.50	26.30	82.80	17.00	95.50	1/2"
20	59.00	36.30	26.44	24.12	20.60	20.50	30.60	92.80	19.50	109.10	3/4"
25	70.00	44.61	33.25	30.29	26.00	26.00	39.10	109.20	23.00	122.60	1"
30	85.40	53.87	41.91	38.95	33.00	33.00	44.20	131.80	27.00	147.30	1-1/4"
40	98.90	61.12	47.80	44.85	39.00	39.00	52.20	143.20	32.00	158.80	1-1/2"
50	122.20	73.83	59.61	56.66	51.00	51.00	71.30	175.70	38.50	182.80	2"
65	158.60	87.71	75.18	74.23	64.00	64.00	82.80	231.50	44.50	234.00	2-1/2"
75	192.10	106.81	87.88	84.93	81.00	81.00	99.30	260.60	52.00	255.00	3"
100	223.60	133.46	113.03	110.07	99.00	99.00	115.20	292.10	62.00	297.00	4"



NO.	Name	Quantity	Material
01	Lever	1	PVC-U/PP+GF30
02	Shaft	1	PVC-U/C
03	Nut	2	PVC-U/C
04	Faucet	2	PVC-U/C
05	Body	1	PVC-U/C
06	Ball	1	PVC-U/C
07	Ball Seat	2	PTFE
08	O-ring1	2	EPDM/FPM
09	O-ring2	2	EPDM/FPM
10	Seal Carrier	1	PVC-U/C
11	O-ring3	1	EPDM/FPM
12	O-ring4	2	EPDM/FPM



## PVC-U/C FLANGED TRUE UNION BALL VALVE (DIN)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-100
3. Standard: DIN
4. Connection: Flanged
5. Color: handle red, body: dark gray

#### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test.

EXPERT IN PIPING SYSTEM

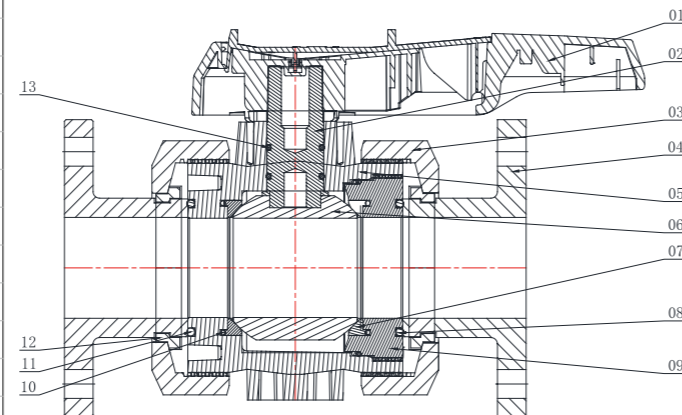


## PARAMETERS (DIN)

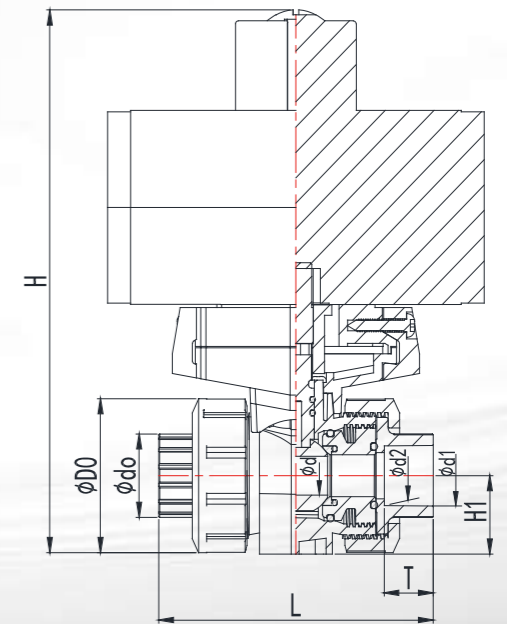
Brand: HUASHENG

Size DN(De)	Dimensions (mm)									
	D0	d0	d1	d2	d3	d	H1	H	T	L
15(20)	95.00	65.00	20.30	19.95	51.50	15.50	26.30	103.90	13.00	143.00
20(25)	105.00	75.00	25.30	24.95	59.00	20.50	30.60	114.66	14.00	172.00
25(32)	115.00	85.00	32.30	31.90	70.00	26.00	39.10	127.56	15.00	187.00
32(40)	140.00	100.00	40.35	39.90	85.40	33.00	44.20	157.51	15.00	190.00
40(50)	150.00	110.00	50.35	49.90	98.90	39.00	52.20	166.00	17.00	212.00
50(63)	165.00	125.00	63.40	62.90	122.20	51.00	71.30	197.50	17.00	234.00
65(75)	185.00	145.00	75.40	74.90	158.60	64.00	82.80	241.20	18.00	290.00
80(90)	200.00	160.00	90.50	89.90	192.10	81.00	99.30	261.20	18.00	310.00
100(110)	220.00	180.00	110.60	109.90	223.60	99.00	115.20	286.68	18.00	372.00

NO.	Name	Quantity	Material
01	Lever	1	PVC-U/PP+GF30
02	Shaft	1	PVC-U/C
03	Nut	2	PVC-U/C
04	Flange	2	PVC-U/C
05	Body	1	PVC-U/C
06	Ball	1	PVC-U/C
07	Ball Seat	2	PTFE
08	O-ring1	2	EPDM/FPM
09	Seal Carrier	1	PVC-U/C
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Fixed snap ring	2	PVC-U/C
13	O-ring4	2	EPDM/FPM



## PVC-U/C PNEUMATIC SOCKET TRUE UNION BALL VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: socket
5. Color: body: gray

#### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Actuator performs 500,000 opening and closing tests;
7. Optional single-acting actuator and various solenoid valves, return position switch.

PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	51.50	27.40	20.30	19.95	15.50	26.30	156.50	17.00	95.50
20(25)	59.00	32.70	25.30	24.95	20.50	30.60	194.00	19.50	109.10
25(32)	70.00	41.30	32.30	31.90	26.00	39.10	210.00	23.00	122.60
32(40)	85.40	49.60	40.35	39.90	33.00	44.20	243.40	27.00	147.30
40(50)	98.90	60.20	50.35	49.90	39.00	52.20	268.90	32.00	158.80
50(63)	122.20	76.00	63.40	62.90	51.00	71.30	301.20	38.50	182.80
65(75)	158.60	89.60	75.40	74.90	64.00	82.80	373.60	44.50	234.00
80(90)	192.10	105.40	90.50	89.90	81.00	99.30	430.10	52.00	255.00
100(110)	223.60	128.40	110.60	109.90	99.00	115.20	493.60	62.00	297.00

PARAMETERS (ASTM SCH80)

Brand: CENIT

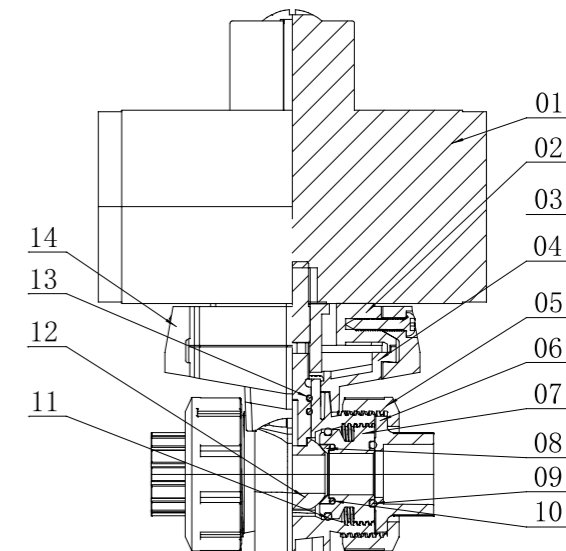
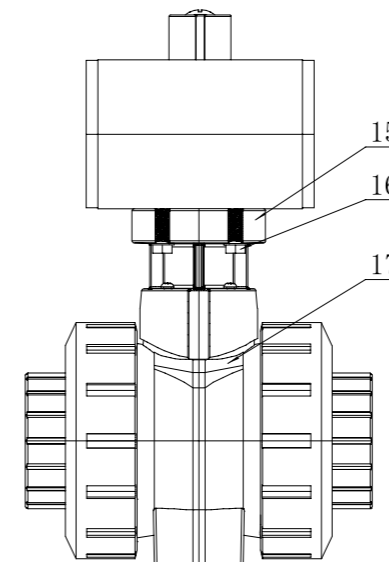
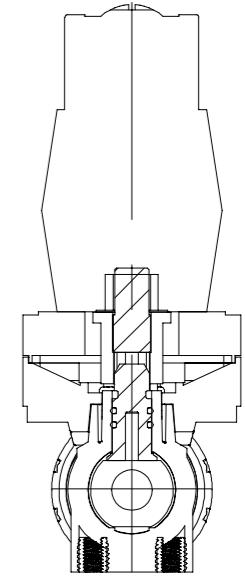
Size (*")	Dimensions (mm)								
	D	d0	d1	d2	d	H1	H	T	L
1/2"	51.50	27.40	21.54	21.23	15.50	26.30	156.50	23.22	107.90
3/4"	59.00	32.70	26.87	26.57	20.50	30.60	194.00	26.40	122.90
1"	70.00	41.30	33.66	33.27	26.00	39.10	210.00	29.57	135.70
1-1/4"	85.40	49.60	42.42	42.04	33.00	44.20	243.40	32.75	158.80
1-1/2"	98.90	60.20	48.56	48.11	39.00	52.20	268.90	32.00	166.80
2"	122.20	76.00	60.63	60.17	51.00	71.30	301.20	39.10	182.80
2-1/2"	158.60	89.60	73.38	72.85	64.00	82.80	373.60	44.50	236.00
3"	192.10	105.40	89.31	88.70	81.00	99.30	430.10	48.60	249.00
4"	223.60	128.40	114.76	114.07	99.00	115.20	493.60	58.15	289.00

PARAMETERS (JIS)

Brand: CENIT

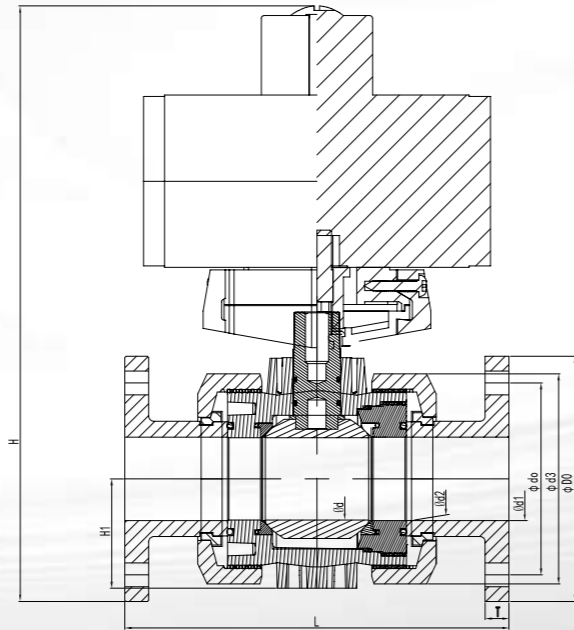
Size A	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
16	51.50	30.50	22.40	21.60	15.50	26.30	156.50	30.00	121.80
20	59.00	34.11	26.45	25.51	20.50	30.60	194.00	35.00	140.60
25	70.00	41.30	32.66	31.50	26.00	39.10	210.00	40.00	157.10
30	85.40	48.16	38.60	37.43	33.00	44.20	243.40	44.00	184.00
40	98.90	59.10	48.85	47.38	39.00	52.20	268.90	55.00	207.20
50	122.20	72.10	61.00	59.27	51.00	71.30	301.20	63.00	235.00
65	158.60	89.23	77.10	75.73	64.00	82.80	373.60	63.00	273.00
75	192.10	105.33	89.60	88.58	81.00	99.30	430.10	64.00	279.00
100	223.60	133.07	114.70	113.55	99.00	115.20	493.60	84.00	342.60

NO.	Name	Quantity	Material
01	Pneumatic Actuator	1	Aluminum alloy/plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Faucet	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C





# PVC-U/C PNEUMATIC FLANGED TRUE UNION BALL VALVE (DIN)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100
3. Standard: DIN
4. Connection: Flanged
5. Color: body: gray

### Product Features

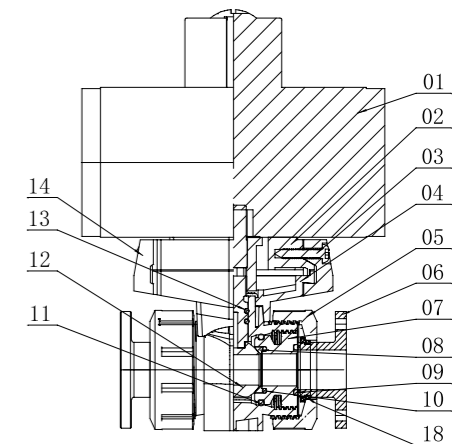
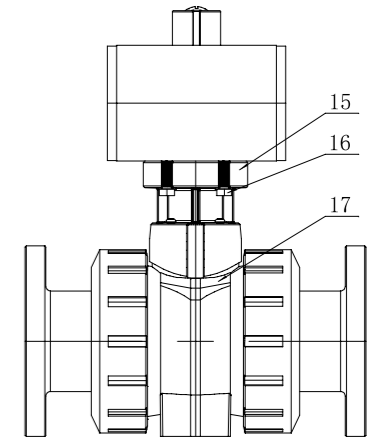
1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Actuator performs 500,000 opening and closing tests;
7. Optional single-acting actuator and various solenoid valves, return position switch.

## PARAMETERS (DIN)

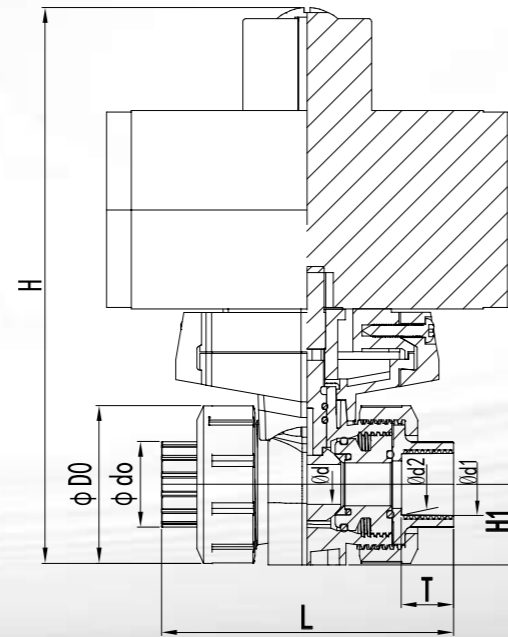
Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	95.00	65.00	20.30	19.95	15.50	26.30	178.25	13.00	143.00
20(25)	105.00	75.00	25.30	24.95	20.50	30.60	217.00	14.00	172.00
25(32)	115.00	85.00	32.30	31.90	26.00	39.10	232.50	15.00	187.00
32(40)	140.00	100.00	40.35	39.90	33.00	44.20	270.70	15.00	190.00
40(50)	150.00	110.00	50.35	49.90	39.00	52.20	294.45	17.00	212.00
50(63)	165.00	125.00	63.40	62.90	51.00	71.30	322.60	17.00	234.00
65(75)	185.00	145.00	75.40	74.90	64.00	82.80	386.80	18.00	290.00
80(90)	200.00	160.00	90.50	89.90	81.00	99.30	434.05	18.00	310.00
100(110)	220.00	180.00	110.60	109.90	99.00	115.20	491.80	18.00	372.00

NO.	Name	Quantity	Material
01	Pneumatic Actuator	1	Aluminium alloy/Plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Flange	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C
18	Snap ring	2	PVC-U/C



# PVC-U/C PNEUMATIC THREADED TRUE UNION BALL VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: Threaded
5. Color: body: gray

### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Actuator performs 500,000 opening and closing tests;
7. Optional single-acting actuator and various solenoid valves, return position switch.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	51.50	30.43	20.95	18.63	15.50	26.30	156.50	17.00	95.50
20(25)	59.00	36.30	26.44	24.12	20.50	30.60	194.00	19.50	109.10
25(32)	70.00	44.61	33.25	30.29	26.00	39.10	210.00	23.00	122.60
32(40)	85.40	53.87	41.91	38.95	33.00	44.20	243.40	27.00	147.30
40(50)	98.90	61.12	47.80	44.85	39.00	52.20	268.90	32.00	158.80
50(63)	122.20	73.83	59.61	56.66	51.00	71.30	301.20	38.50	182.80
65(75)	158.60	87.71	75.18	74.23	64.00	82.80	373.60	44.50	234.00
80(90)	192.10	106.81	87.88	84.93	81.00	99.30	430.10	52.00	255.00
100(110)	223.60	133.46	113.03	110.07	99.00	115.20	493.60	62.00	297.00

## PARAMETERS (ASTM SCH80)

Brand: CENIT

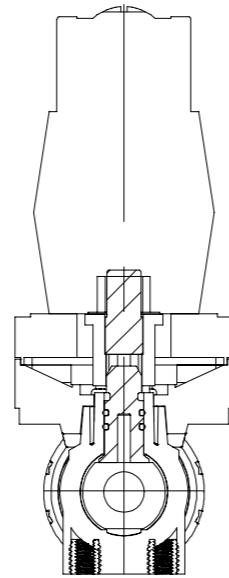
Size (*")	Dimensions (mm)								
	D	d0	d1	d2	d	H1	H	T	L
1/2"	51.50	30.43	20.95	18.63	15.50	26.30	156.50	17.00	95.50
3/4"	59.00	36.30	26.44	24.12	20.50	30.60	194.00	19.50	109.10
1"	70.00	44.61	33.25	30.29	26.00	39.10	210.00	23.00	122.60
1-1/4"	85.40	53.87	41.91	38.95	33.00	44.20	243.40	27.00	147.30
1-1/2"	98.90	61.12	47.80	44.85	39.00	52.20	268.90	32.00	158.80
2"	122.20	73.83	59.61	56.66	51.00	71.30	301.20	38.50	182.80
2-1/2"	158.60	87.71	75.18	74.23	64.00	82.80	373.60	44.50	234.00
3"	192.10	106.81	87.88	84.93	81.00	99.30	430.10	52.00	255.00
4"	223.60	133.46	113.03	110.07	99.00	115.20	493.60	62.00	297.00

## PARAMETERS (JIS)

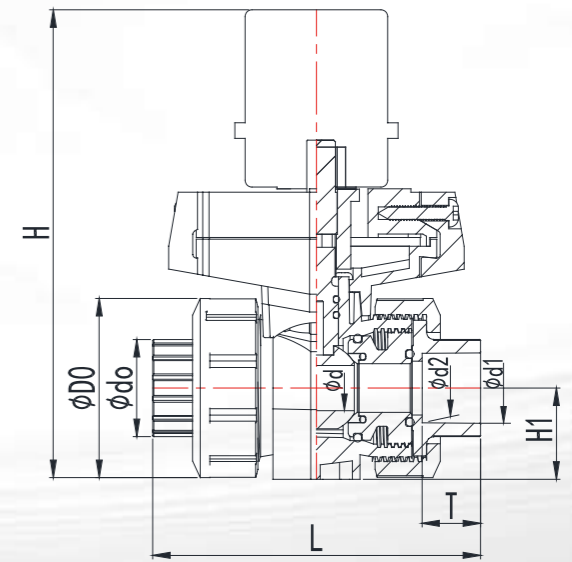
Brand: CENIT

Size A	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
16	51.50	30.43	20.95	18.63	15.50	26.30	156.50	17.00	95.50
20	59.00	36.30	26.44	24.12	20.50	30.60	194.00	19.50	109.10
25	70.00	44.61	33.25	30.29	26.00	39.10	210.00	23.00	122.60
30	85.40	53.87	41.91	38.95	33.00	44.20	243.40	27.00	147.30
40	98.90	61.12	47.80	44.85	39.00	52.20	268.90	32.00	158.80
50	122.20	73.83	59.61	56.66	51.00	71.30	301.20	38.50	182.80
65	158.60	87.71	75.18	74.23	64.00	82.80	373.60	44.50	234.00
75	192.10	106.81	87.88	84.93	81.00	99.30	430.10	52.00	255.00
100	223.60	133.46	113.03	110.07	99.00	115.20	493.60	62.00	297.00

NO.	Name	Quantity	Material
01	Pneumatic Actuator	1	Aluminium alloy/plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Faucet	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C



## PVC-U/C ELECTRIC SOCKET TRUE UNION BALL VALVE (DIN/ASTM/JIS)



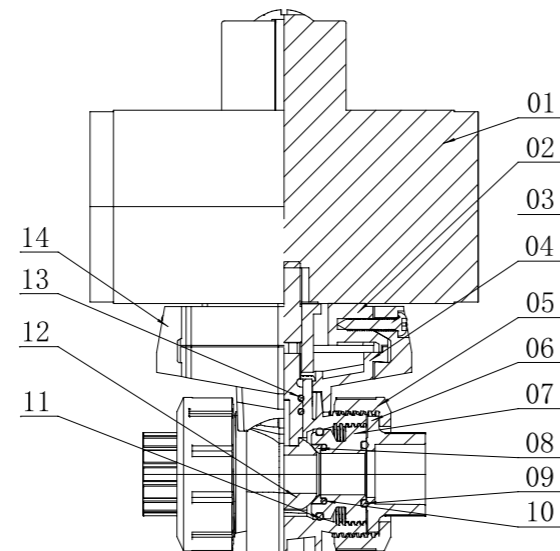
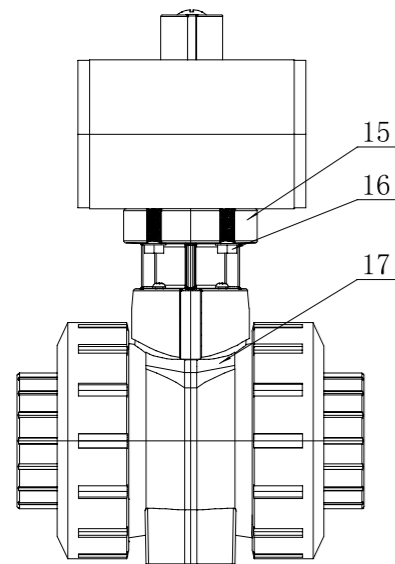
### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: socket
5. Color: body: gray

#### Product Features

1. Switch torque is small
2. Simple economy
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product
4. Thickened valve body for high compression resistance
5. Valve factory 100% pressure test
6. Optional adjustment, explosion-proof and various voltage actuators





### PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	51.50	27.40	20.30	19.95	15.50	26.30	201.50	17.00	95.50
20(25)	59.00	32.70	25.30	24.95	20.50	30.60	209.00	19.50	109.10
25(32)	70.00	41.30	32.30	31.90	26.00	39.10	220.00	23.00	122.60
32(40)	85.40	49.60	40.35	39.90	33.00	44.20	235.40	27.00	147.30
40(50)	98.90	60.20	50.35	49.90	39.00	52.20	248.90	32.00	158.80
50(63)	122.20	76.00	63.40	62.90	51.00	71.30	272.20	38.50	182.80
65(75)	158.60	89.60	75.40	74.90	64.00	82.80	353.60	44.50	234.00
80(90)	192.10	105.40	90.50	89.90	81.00	99.30	397.10	52.00	255.00
100(110)	223.60	128.40	110.60	109.90	99.00	115.20	438.60	62.00	297.00

### PARAMETERS (ASTM SCH80)

Brand: CENIT

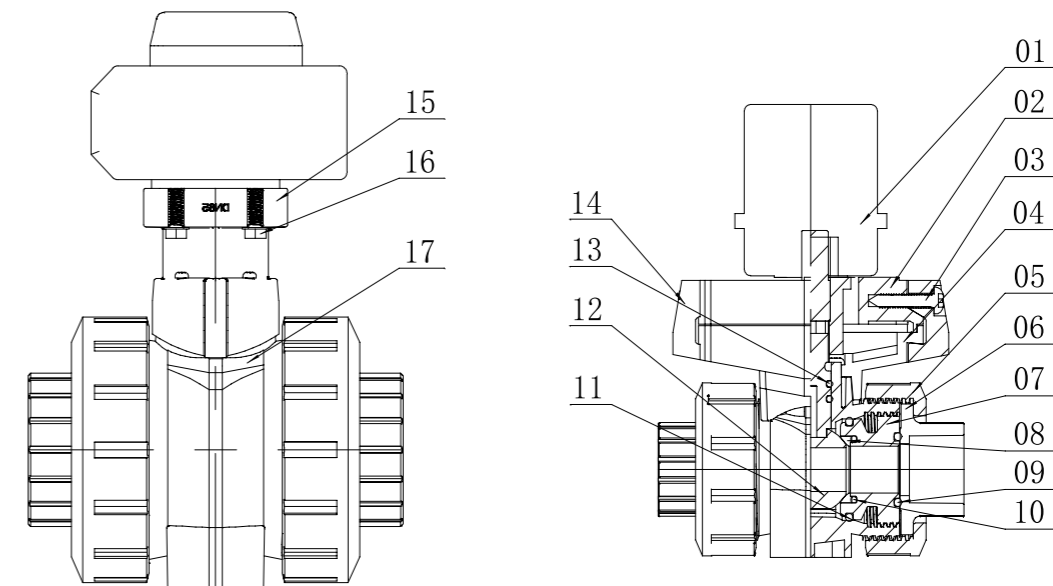
Size (*")	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
1/2"	51.50	27.40	21.54	21.23	15.50	26.30	201.50	23.22	107.90
3/4"	59.00	32.70	26.87	26.57	20.50	30.60	209.00	26.40	122.90
1"	70.00	41.30	33.66	33.27	26.00	39.10	220.00	29.57	135.70
1-1/4"	85.40	49.60	42.42	42.04	33.00	44.20	235.40	32.75	158.80
1-1/2"	98.90	60.20	48.56	48.11	39.00	52.20	248.90	32.00	166.80
2"	122.20	76.00	60.63	60.17	51.00	71.30	272.20	39.10	182.80
2-1/2"	158.60	89.60	73.38	72.85	64.00	82.80	353.60	44.50	236.00
3"	192.10	105.40	89.31	88.70	81.00	99.30	397.10	48.60	249.00
4"	223.60	128.40	114.76	114.07	99.00	115.20	438.60	58.15	289.00

### PARAMETERS (JIS)

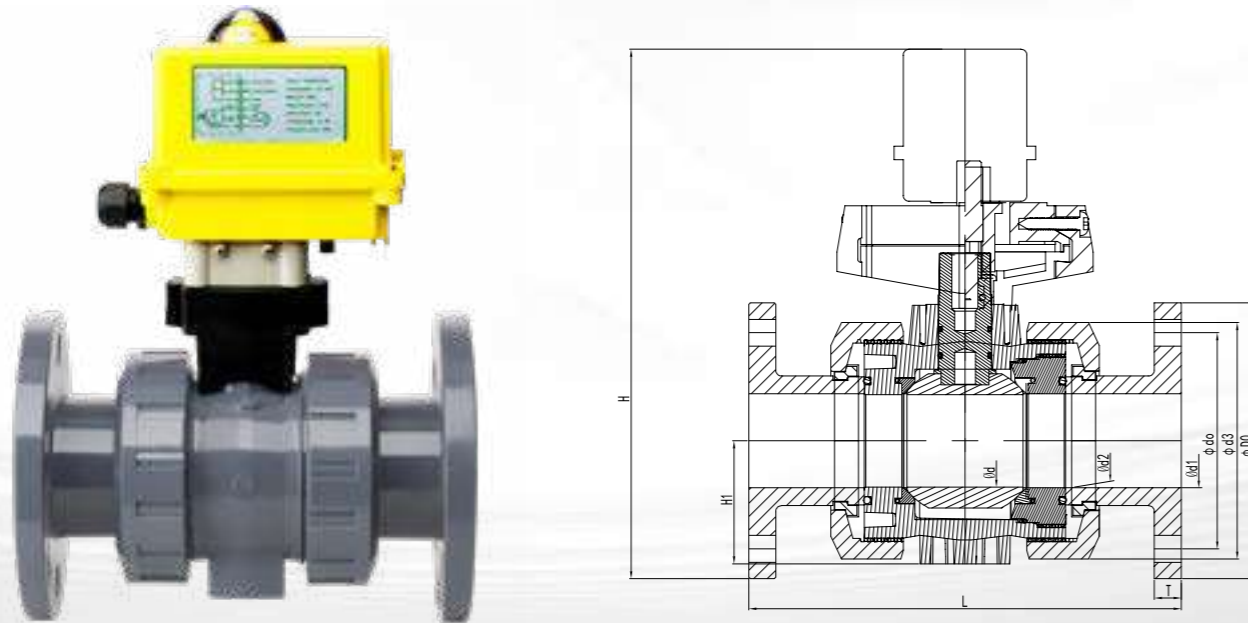
Brand: CENIT

Size A	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
16	51.50	30.50	22.40	21.60	15.50	26.30	201.50	30.00	121.80
20	59.00	34.11	26.45	25.51	20.50	30.60	209.00	35.00	140.60
25	70.00	41.30	32.66	31.50	26.00	39.10	220.00	40.00	157.10
30	85.40	48.16	38.60	37.43	33.00	44.20	235.40	44.00	184.00
40	98.90	59.10	48.85	47.38	39.00	52.20	248.90	55.00	207.20
50	122.20	72.10	61.00	59.27	51.00	71.30	272.20	63.00	235.00
65	158.60	89.23	77.10	75.73	64.00	82.80	353.60	63.00	273.00
75	192.10	105.33	89.60	88.58	81.00	99.30	397.10	64.00	279.00
100	223.60	133.07	114.70	113.55	99.00	115.20	438.60	84.00	342.60

NO.	Name	Quantity	Material
01	Electric Actuator	1	Aluminium alloy/plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Faucet	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C



# PVC-U/C ELECTRIC FLANGED TRUE UNION BALL VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. DN15-100
3. Standard: DIN
4. Connection: Flanged
5. Color: body: gray

### Product Features

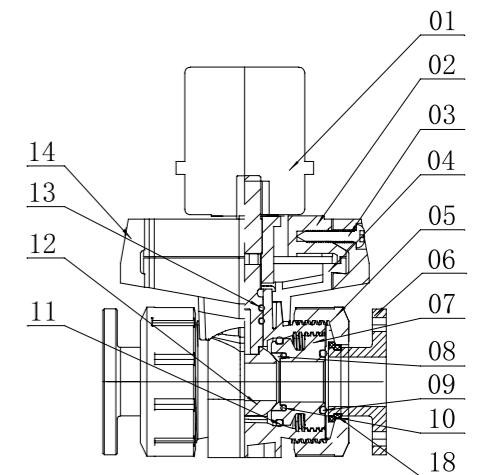
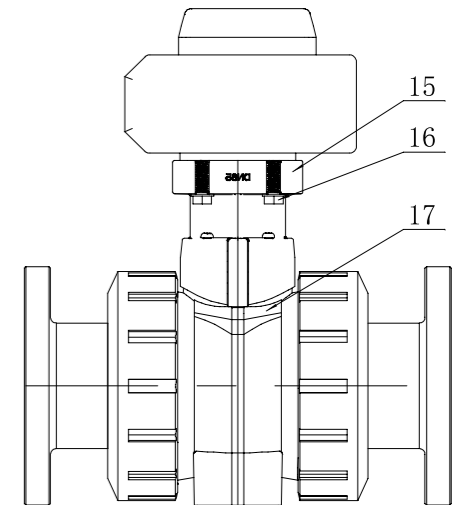
1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Optional adjustment, explosion-proof and various voltage actuators.

## PARAMETERS (DIN)

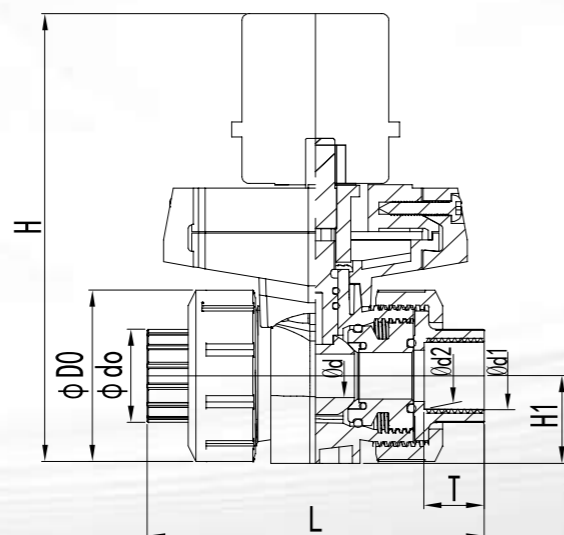
Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	95.00	65.00	20.30	19.95	15.50	26.30	223.25	13.00	143.00
20(25)	105.00	75.00	25.30	24.95	20.50	30.60	232.00	14.00	172.00
25(32)	115.00	85.00	32.30	31.90	26.00	39.10	242.50	15.00	187.00
32(40)	140.00	100.00	40.35	39.90	33.00	44.20	262.70	15.00	190.00
40(50)	150.00	110.00	50.35	49.90	39.00	52.20	274.45	17.00	212.00
50(63)	165.00	125.00	63.40	62.90	51.00	71.30	293.60	17.00	234.00
65(75)	185.00	145.00	75.40	74.90	64.00	82.80	366.80	18.00	290.00
80(90)	200.00	160.00	90.50	89.90	81.00	99.30	401.05	18.00	310.00
100(110)	220.00	180.00	110.60	109.90	99.00	115.20	436.80	18.00	372.00

NO.	Name	Quantity	Material
01	Electric Actuator	1	Aluminium alloy/plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Flange	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C
18	Snap ring	2	PVC-U/C



# PVC-U/C ELECTRIC THREADED TRUE UNION BALL VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: Threaded
5. Color: body: gray

### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Optional adjustment, explosion-proof and various voltage actuators.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
15(20)	51.50	30.43	20.95	18.63	15.50	26.30	201.50	17.00	95.50
20(25)	59.00	36.30	26.44	24.12	20.50	30.60	209.00	19.50	109.10
25(32)	70.00	44.61	33.25	30.29	26.00	39.10	220.00	23.00	122.60
32(40)	85.40	53.87	41.91	38.95	33.00	44.20	235.40	27.00	147.30
40(50)	98.90	61.12	47.80	44.85	39.00	52.20	248.90	32.00	158.80
50(63)	122.20	73.83	59.61	56.66	51.00	71.30	272.20	38.50	182.80
65(75)	158.60	87.71	75.18	74.23	64.00	82.80	353.60	44.50	234.00
80(90)	192.10	106.81	87.88	84.93	81.00	99.30	397.10	52.00	255.00
100(110)	223.60	133.46	113.03	110.07	99.00	115.20	438.60	62.00	297.00

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
1/2"	51.50	30.43	20.95	18.63	15.50	26.30	201.50	17.00	95.50
3/4"	59.00	36.30	26.44	24.12	20.50	30.60	209.00	19.50	109.10
1"	70.00	44.61	33.25	30.29	26.00	39.10	220.00	23.00	122.60
1-1/4"	85.40	53.87	41.91	38.95	33.00	44.20	235.40	27.00	147.30
1-1/2"	98.90	61.12	47.80	44.85	39.00	52.20	248.90	32.00	158.80
2"	122.20	73.83	59.61	56.66	51.00	71.30	272.20	38.50	182.80
2-1/2"	158.60	87.71	75.18	74.23	64.00	82.80	353.60	44.50	234.00
3"	192.10	106.81	87.88	84.93	81.00	99.30	397.10	52.00	255.00
4"	223.60	133.46	113.03	110.07	99.00	115.20	438.60	62.00	297.00

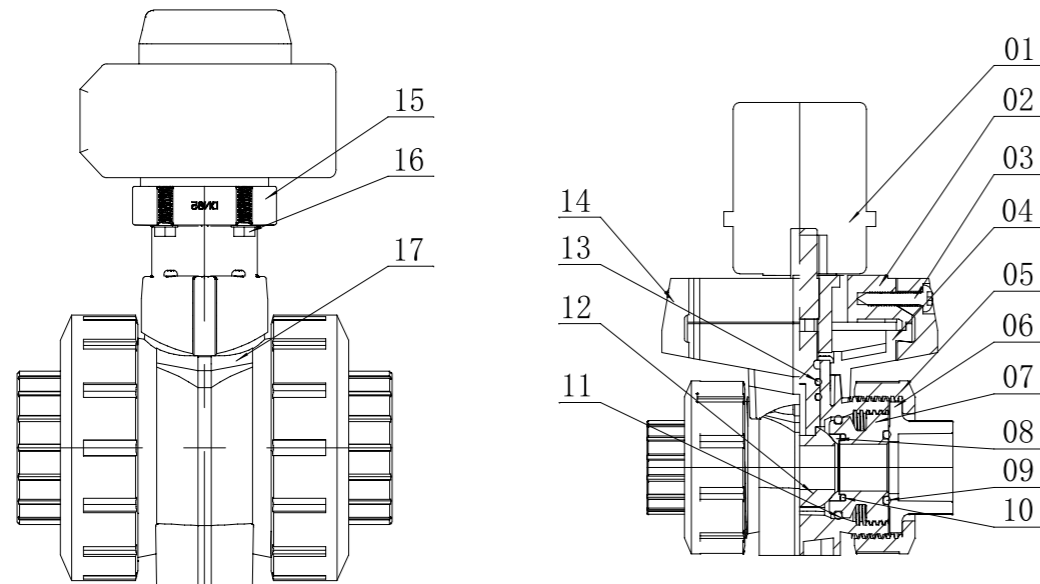
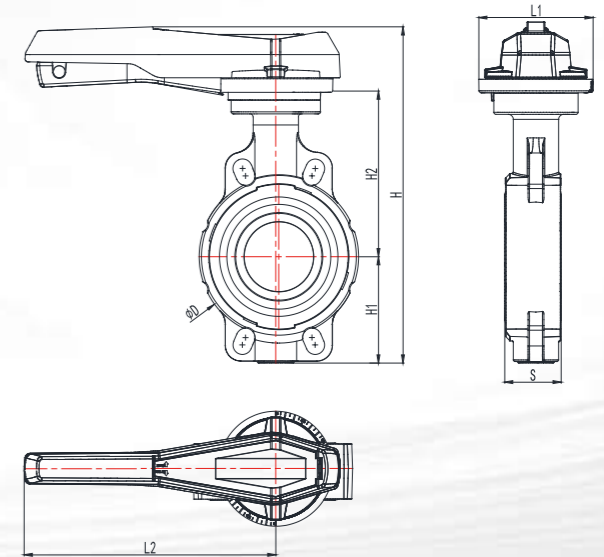
Brand: CENIT

Size A	Dimensions (mm)								
	D0	d0	d1	d2	d	H1	H	T	L
16	51.50	30.43	20.95	18.63	15.50	26.30	201.50	17.00	95.50
20	59.00	36.30	26.44	24.12	20.50	30.60	209.00	19.50	109.10
25	70.00	44.61	33.25	30.29	26.00	39.10	220.00	23.00	122.60
30	85.40	53.87	41.91	38.95	33.00	44.20	235.40	27.00	147.30
40	98.90	61.12	47.80	44.85	39.00	52.20	248.90	32.00	158.80
50	122.20	73.83	59.61	56.66	51.00	71.30	272.20	38.50	182.80
65	158.60	87.71	75.18	74.23	64.00	82.80	353.60	44.50	234.00
75	192.10	106.81	87.88	84.93	81.00	99.30	397.10	52.00	255.00
100	223.60	133.46	113.03	110.07	99.00	115.20	438.60	62.00	297.00



NO.	Name	Quantity	Material
01	Eletric Actuator	1	Aluminium alloy/plastic
02	Connector top cover	1	PP+GF30
03	Bolt	2	Stainless steel 304
04	Connector bottom cover	1	PP+GF30
05	Nut	2	PVC-U/C
06	Faucet	2	PVC-U/C
07	Seal Carrier	1	PVC-U/C
08	Ball Seat	2	PTFE
09	O-ring1	2	EPDM/FPM
10	O-ring2	2	EPDM/FPM
11	O-ring3	1	EPDM/FPM
12	Ball	1	PVC-U/C
13	O-ring4	2	EPDM/FPM
14	Fixed buckle	2	PP+GF30
15	Connection	1	PP+GF30
16	Bolt	4	Stainless steel 304
17	Body	1	PVC-U/C

## PVC-U/C HANDLED BUTTERFLY VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN50-200 2"-8" 50A-200A
3. Standard: DIN, ASTM, JIS
4. Connection: Flanged
5. Colour: Black, Handle Red, Valve plate/seat dark gray

#### Product Features

1. Double eccentric structure design, the service life is 5 times that of ordinary butterfly valve;
2. Switch torque is small;
3. Simple economy;
4. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
5. Thickened valve body for high compression resistance;
6. Valve factory 100% pressure test;
7. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

### PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)						
	D	H	H1	H2	S	L1	L2
50(63)	104.00	266.00	77.00	134.00	44.50	102.00	212.50
65(75)	114.30	275.00	83.00	140.00	46.00	102.00	212.50
80(90)	130.00	288.00	89.00	146.00	48.60	102.00	212.50
100(110)	160.40	332.00	104.00	167.00	55.50	115.00	253.30
125(140)	186.00	361.00	117.00	181.00	63.00	115.00	253.30
150(160)	215.00	379.00	130.00	189.00	72.00	115.00	253.30
200(225)	269.00	449.00	158.00	210.00	73.00	150.00	410.00

### PARAMETERS (ASTM SCH80)

Brand: HUASHENG

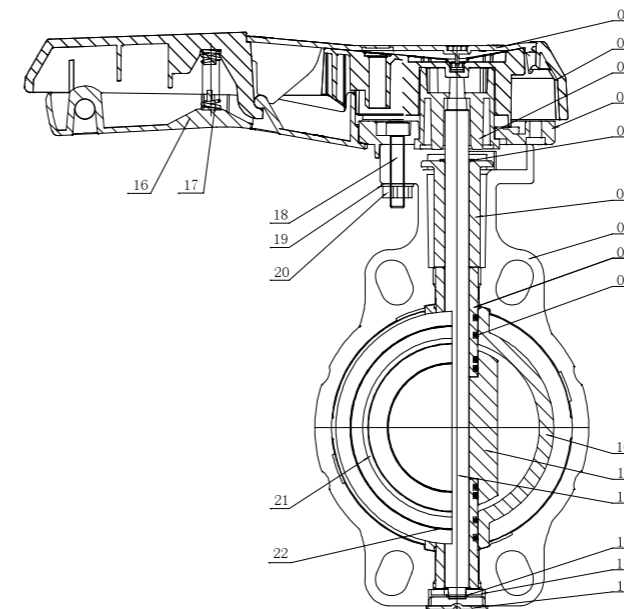
Size (*")	Dimensions (mm)						
	D	H	H1	H2	S	L1	L2
2"	104.00	266.00	77.00	134.00	44.50	102.00	212.50
2-1/2"	114.30	275.00	83.00	140.00	46.00	102.00	212.50
3"	130.00	288.00	89.00	146.00	48.60	102.00	212.50
4"	160.40	332.00	104.00	167.00	55.50	115.00	253.30
5"	186.00	361.00	117.00	181.00	63.00	115.00	253.30
6"	215.00	379.00	130.00	189.00	72.00	115.00	253.30
8"	269.00	449.00	158.00	210.00	73.00	150.00	410.00

### PARAMETERS (JIS)

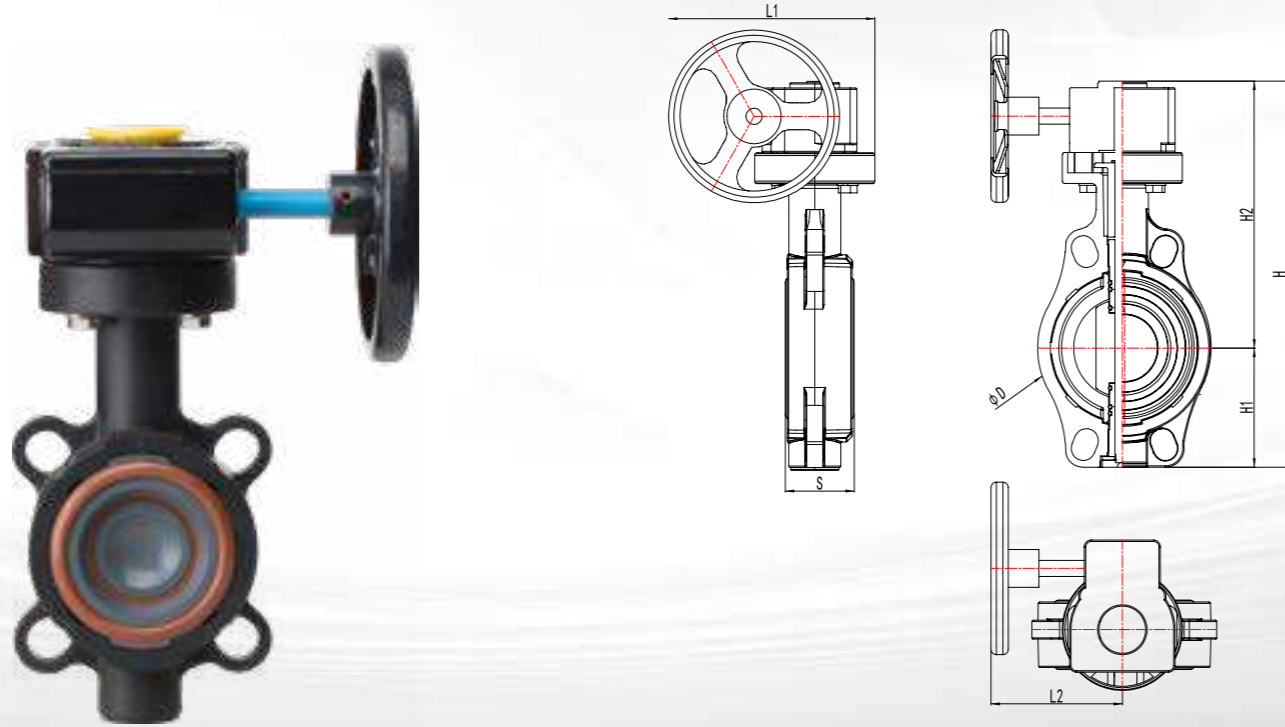
Brand: HUASHENG

Size A	Dimensions (mm)						
	D	H	H1	H2	S	L1	L2
50	104.00	266.00	77.00	134.00	44.50	102.00	212.50
65	114.30	275.00	83.00	140.00	46.00	102.00	212.50
75	130.00	288.00	89.00	146.00	48.60	102.00	212.50
100	160.40	332.00	104.00	167.00	55.50	115.00	253.30
125	186.00	361.00	117.00	181.00	63.00	115.00	253.30
150	215.00	379.00	130.00	189.00	72.00	115.00	253.30
200	269.00	449.00	158.00	210.00	73.00	150.00	410.00

NO.	Name	Quantity	Material
01	Handle Cap	1	PP+GF30
02	Handle	1	PP+GF30
03	Drive Seat	1	PPS+GF40
04	Gear Seat	1	PP+GF30
05	Collar	1	Stainless steel 304
06	Located Set	1	PP+GF30
07	Body	1	PP+GF30
08	Guide Sleeve	2	PVC-U/C
09	O-ring	8	EPDM/FPM
10	Valve Sleeve	1	PVC-U/C
11	Disc	1	PVC-U/C
12	Shaft	1	Stainless steel 316L
13	Collar	1	Stainless steel 304
14	Collar	1	Stainless steel 304
15	Washer Cover	1	PP+GF30
16	Brake Handle	1	PP+GF30
17	Spring	1	Stainless steel 304
18	Screw	1	Stainless steel 304
19	Nut	1	Stainless steel 304
20	Gasket	1	Stainless steel 304
21	Seal Ring	1	EPDM/FPM
22	Rubber Ring	2	EPDM/FPM



# PVC-U/C GEARED BUTTERFLY VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN50-300 2"-12" 50A-318A
3. Standard: DIN, ASTM, JIS
4. Connection: Flanged
5. Colour: Black, (Valve plate/seat dark gray)

### 产品特性 Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	H	H1	H2	S	L1	L2	
50(63)	104.00	307.48	77.00	230.48	44.50	153.00	108.00	10
65(75)	114.30	320.13	83.00	237.13	46.00	153.00	108.00	10
80(90)	130.00	332.13	89.00	243.13	48.60	153.00	108.00	10
100(110)	160.40	367.77	104.00	263.77	55.50	153.00	108.00	10
125(140)	186.00	411.47	117.00	294.47	63.00	166.00	119.00	10
150(160)	215.00	472.30	130.00	342.30	72.00	166.00	119.00	10
200(225)	269.00	521.54	158.00	363.54	73.00	268.00	223.00	6
250(280)	324.00	620.51	205.00	415.51	113.00	285.50	223.00	6
300(315)	336.60	722.24	228.00	494.24	114.40	342.50	323.00	6

## PARAMETERS (ASTM SCH80)

Brand: HUASHENG

Size (*")	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	H	H1	H2	S	L1	L2	
2"	104.00	307.48	77.00	230.48	44.50	153.00	108.00	10
2-1/2"	114.30	320.13	83.00	237.13	46.00	153.00	108.00	10
3"	130.00	332.13	89.00	243.13	48.60	153.00	108.00	10
4"	160.40	367.77	104.00	263.77	55.50	153.00	108.00	10
5"	186.00	411.47	117.00	294.47	63.00	166.00	119.00	10
6"	215.00	472.30	130.00	342.30	72.00	166.00	119.00	10
8"	269.00	521.54	158.00	363.54	73.00	268.00	223.00	6
10"	324.00	620.51	205.00	415.51	113.00	285.50	223.00	6
12"	336.60	722.24	228.00	494.24	114.40	342.50	323.00	6

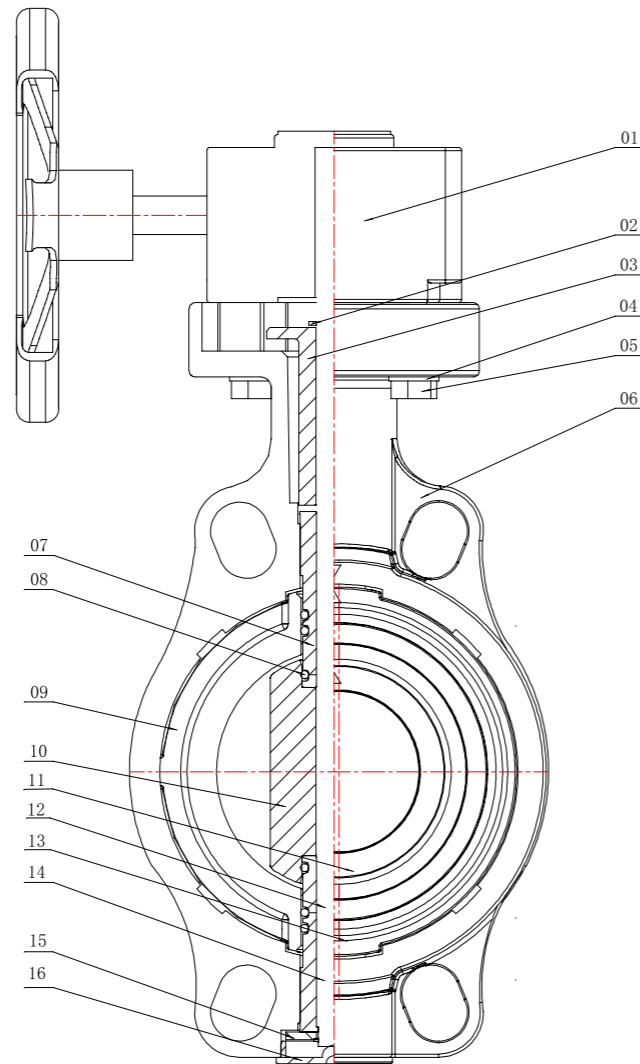
## PARAMETERS (JIS)

Brand: HUASHENG

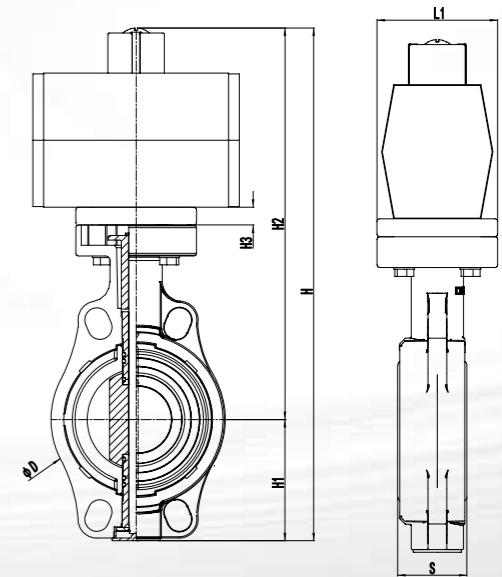
Size A	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	H	H1	H2	S	L1	L2	
50	104.00	307.48	77.00	230.48	44.50	153.00	108.00	10
65	114.30	320.13	83.00	237.13	46.00	153.00	108.00	10
75	130.00	332.13	89.00	243.13	48.60	153.00	108.00	10
100	160.40	367.77	104.00	263.77	55.50	153.00	108.00	10
125	186.00	411.47	117.00	294.47	63.00	166.00	119.00	10
150	215.00	472.30	130.00	342.30	72.00	166.00	119.00	10
200	269.00	521.54	158.00	363.54	73.00	268.00	223.00	6
267	324.00	620.51	205.00	415.51	113.00	285.50	223.00	6
318	336.60	722.24	228.00	494.24	114.40	342.50	323.00	6



NO.	Name	Quantity	Material
01	Gear Drive Set	1	Aluminum alloy
02	Collar	1	Stainless steel 304
03	Located Set	4	PP+GF30
04	Gasket	1	PP+GF30
05	Bolt	4	Stainless steel 304
06	Body	1	PP+GF30
07	Guide Sleeve	2	PVC-U/C
08	O-ring	8	EPDM/FPM
09	Valve Sleeve	1	PVC-U/C
10	Disc	1	PVC-U/C
11	Seal Ring	1	EPDM/FPM
12	Shaft	1	Stainless steel 316L
13	Rubber Ring	1	EPDM/FPM
14	Collar	1	Stainless steel 304
15	Collar	1	Stainless steel 304
16	Washer Cover	1	PP+GF30



## PVC-U/C PNEUMATIC BUTTERFLY VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN50-300 2"-12" 50A-318A
3. Standard: DIN, ASTM, JIS
4. Connection: Flanged
5. Colour: Black, (Valve plate/seat dark gray)

#### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Actuator performs 500,000 opening and closing tests;
7. Optional single-acting actuator and various solenoid valves, return position switch.

### PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)						
	D	H	H1	H2	H3	S	L1
50(63)	104.00	327.48	77.00	250.48	15.00	44.50	90.00
65(75)	114.30	352.13	83.00	269.13	15.00	46.00	90.00
80(90)	130.00	384.13	89.00	295.13	15.00	48.60	90.00
100(110)	160.40	432.77	104.00	328.77	-	55.50	90.00
125(140)	186.00	481.47	117.00	364.47	-	63.00	90.00
150(160)	215.00	528.30	130.00	388.30	-	72.00	90.00
200(225)	269.00	593.54	158.00	435.54	-	73.00	90.00
250(280)	324.00	750.51	205.00	545.51	-	113.00	125.00
300(315)	336.60	888.24	228.00	660.24	-	114.40	125.00

### PARAMETERS (ASTM SCH80)

Brand: HUASHENG

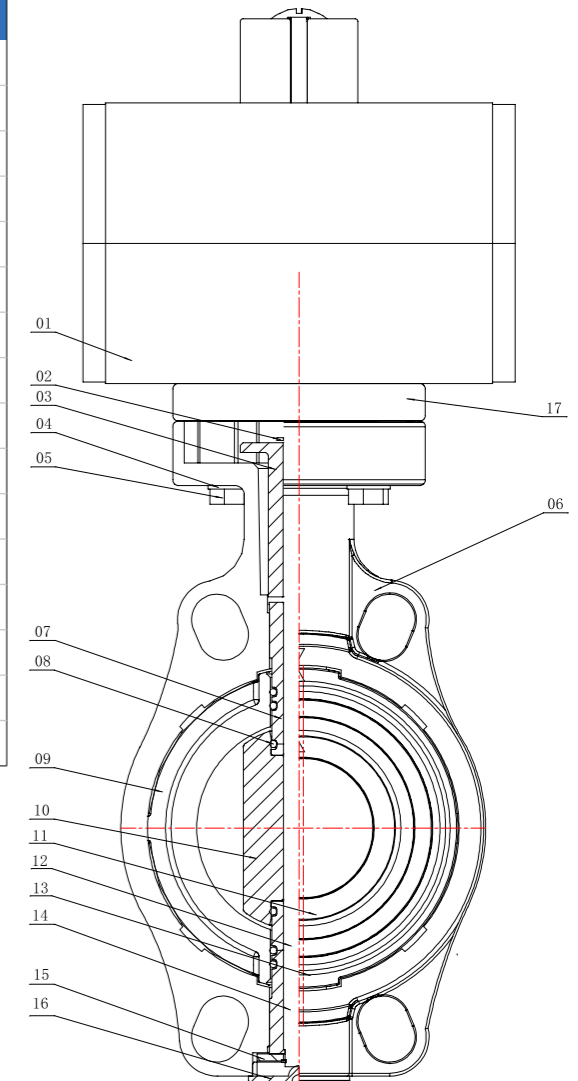
Size (*")	Dimensions (mm)						
	D	H	H1	H2	H3	S	L1
2"	104.00	327.48	77.00	250.48	15.00	44.50	90.00
2-1/2"	114.30	352.13	83.00	269.13	15.00	46.00	90.00
3"	130.00	384.13	89.00	295.13	15.00	48.60	90.00
4"	160.40	432.77	104.00	328.77	-	55.50	90.00
5"	186.00	481.47	117.00	364.47	-	63.00	90.00
6"	215.00	528.30	130.00	388.30	-	72.00	90.00
8"	269.00	593.54	158.00	435.54	-	73.00	90.00
10"	324.00	750.51	205.00	545.51	-	113.00	125.00
12"	336.60	888.24	228.00	660.24	-	114.40	125.00

### PARAMETERS (JIS)

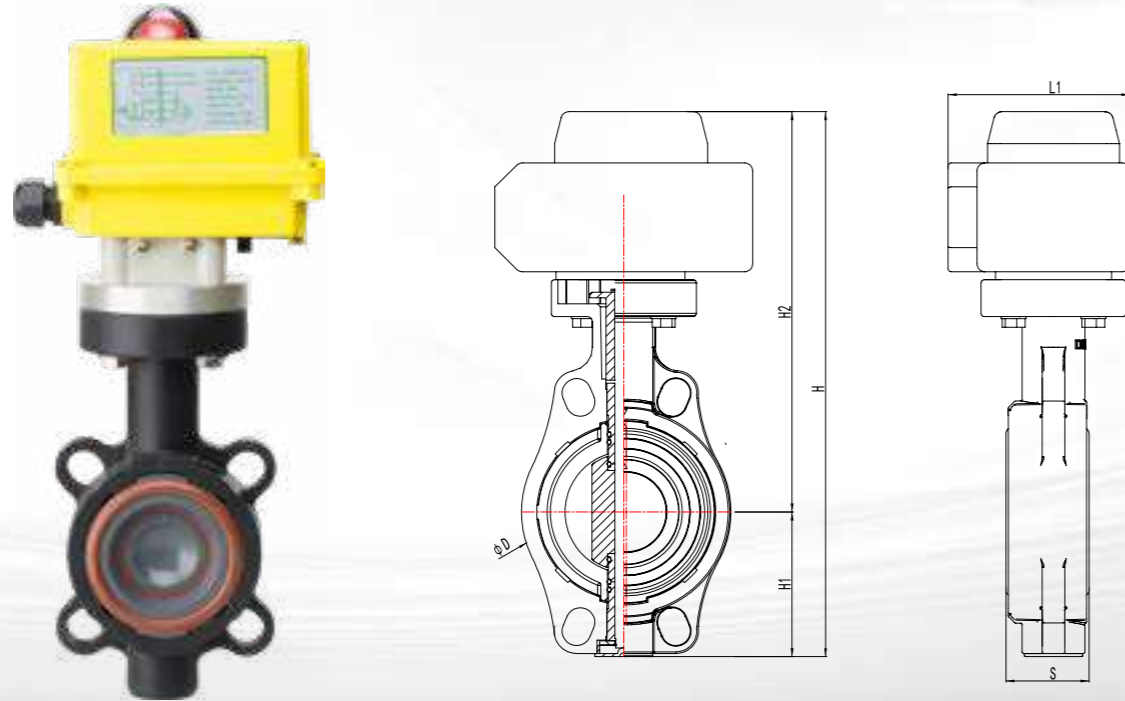
Brand: HUASHENG

Size A	Dimensions (mm)						
	D	H	H1	H2	H3	S	L1
50	104.00	327.48	77.00	250.48	15.00	44.50	90.00
65	114.30	352.13	83.00	269.13	15.00	46.00	90.00
75	130.00	384.13	89.00	295.13	15.00	48.60	90.00
100	160.40	432.77	104.00	328.77	-	55.50	90.00
125	186.00	481.47	117.00	364.47	-	63.00	90.00
150	215.00	528.30	130.00	388.30	-	72.00	90.00
200	269.00	593.54	158.00	435.54	-	73.00	90.00
267	324.00	750.51	205.00	545.51	-	113.00	125.00
318	336.60	888.24	228.00	660.24	-	114.40	125.00

NO.	Name	Quantity	Material
01	Pneumatic Actuator	1	Aluminum Alloy
02	Collar	1	Stainless steel 304
03	Located Set	4	PP+GF30
04	Gasket	1	PP+GF30
05	Bolt	4	Stainless steel 304
06	Body	1	PP+GF30
07	Guide Sleeve	2	PVC-U/C
08	O-ring	8	EPDM/FPM
09	Valve Sleeve	1	PVC-U/C
10	Disc	1	PVC-U/C
11	Seal Ring	1	EPDM/FPM
12	Shaft	1	Stainless steel 316L
13	Rubber Ring	1	EPDM/FPM
14	Collar	1	Stainless steel 304
15	Collar	1	Stainless steel 304
16	Washer Cover	1	PP+GF30



# PVC-U/C ELECTRIC BUTTERFLY VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN50-300 2"-12" 50A-318A
3. Standard: DIN, ASTM, JIS
4. Connection: Flanged
5. Colour: Black, (Actuator yellow, Valve plate/seat dark gray)

### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. Optional adjustment, explosion-proof and various voltage actuators.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)					
	D	H	H1	H2	S	L1
50(63)	104.00	339.48	77.00	262.48	44.50	120.00
65(75)	114.30	352.13	83.00	269.13	46.00	120.00
80(90)	130.00	364.13	89.00	275.13	48.60	120.00
100(110)	160.40	429.77	104.00	325.77	55.50	130.00
125(140)	186.00	446.47	117.00	339.47	63.00	130.00
150(160)	215.00	477.30	130.00	347.30	72.00	130.00
200(225)	269.00	526.54	158.00	368.54	73.00	130.00
250(280)	324.00	660.51	205.00	455.51	113.00	170.00
300(315)	336.60	705.24	228.00	477.24	114.40	170.00

## PARAMETERS (ASTM SCH80)

Brand: HUASHENG

Size (*")	Dimensions (mm)					
	D	H	H1	H2	S	L1
2"	104.00	339.48	77.00	262.48	44.50	120.00
2-1/2"	114.30	352.13	83.00	269.13	46.00	120.00
3"	130.00	364.13	89.00	275.13	48.60	120.00
4"	160.40	429.77	104.00	325.77	55.50	130.00
5"	186.00	446.47	117.00	339.47	63.00	130.00
6"	215.00	477.30	130.00	347.30	72.00	130.00
8"	269.00	526.54	158.00	368.54	73.00	130.00
10"	324.00	660.51	205.00	455.51	113.00	170.00
12"	336.60	705.24	228.00	477.24	114.40	170.00

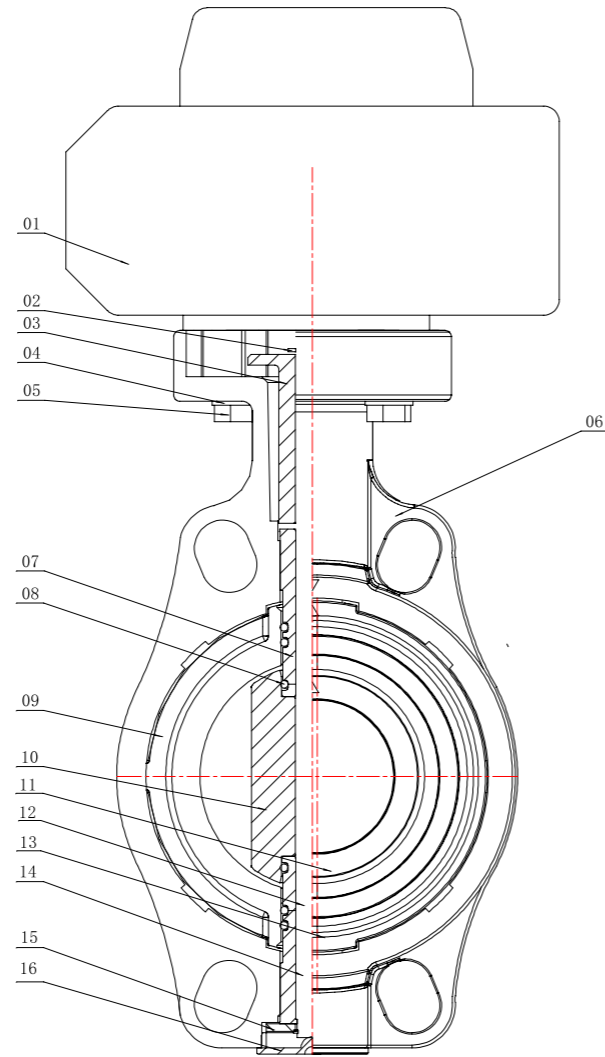
## PARAMETERS (JIS)

Brand: HUASHENG

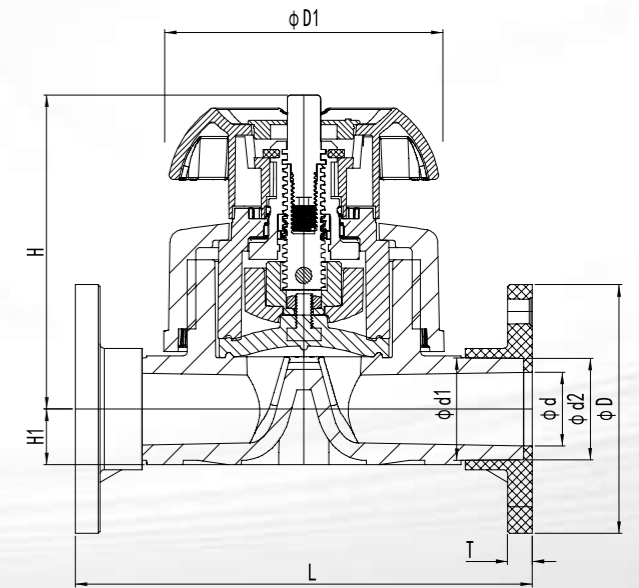
Size A	Dimensions (mm)					
	D	H	H1	H2	S	L1
50	104.00	339.48	77.00	262.48	44.50	120.00
65	114.30	352.13	83.00	269.13	46.00	120.00
75	130.00	364.13	89.00	275.13	48.60	120.00
100	160.40	429.77	104.00	325.77	55.50	130.00
125	186.00	446.47	117.00	339.47	63.00	130.00
150	215.00	477.30	130.00	347.30	72.00	130.00
200	269.00	526.54	158.00	368.54	73.00	130.00
267	324.00	660.51	205.00	455.51	113.00	170.00
318	336.60	705.24	228.00	477.24	114.40	170.00



NO.	Name	Quantity	Material
01	Electric Actuator	1	ABS/Aluminum Alloy
02	Collar	1	Stainless steel 304
03	Located Set	4	PP+GF30
04	Gasket	1	PP+GF30
05	Bolt	4	Stainless steel 304
06	Body	1	PP+GF30
07	Guide Sleeve	2	PVC-U/C
08	O-ring	8	EPDM/FPM
09	Valve Sleeve	1	PVC-U/C
10	Disc	1	PVC-U/C
11	Seal Ring	1	EPDM/FPM
12	Shaft	1	Stainless steel 316L
13	Rubber Ring	2	EPDM/FPM
14	Collar	1	Stainless steel 304
15	Collar	1	Stainless steel 304
16	Washer Cover	1	PP+GF30



## PVC-U/C FLANGED DIAPHRAGM VALVE (DIN)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C;
2. Size: DN15-150;
3. Standard: DIN;
4. Connection: Flanged;
5. Color: The body is gray, the bonnet is yellow, and the handle is black.

#### Product Features

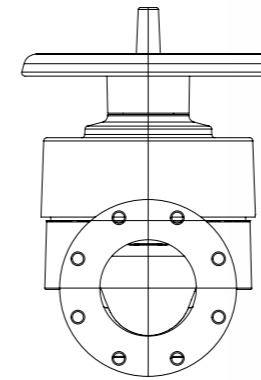
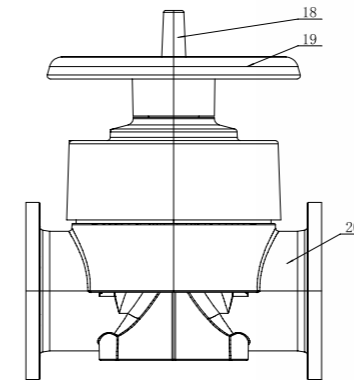
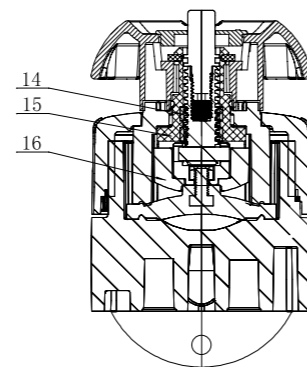
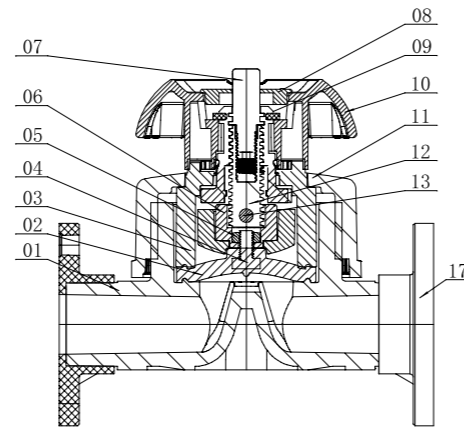
1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

# PARAMETERS (DIN)

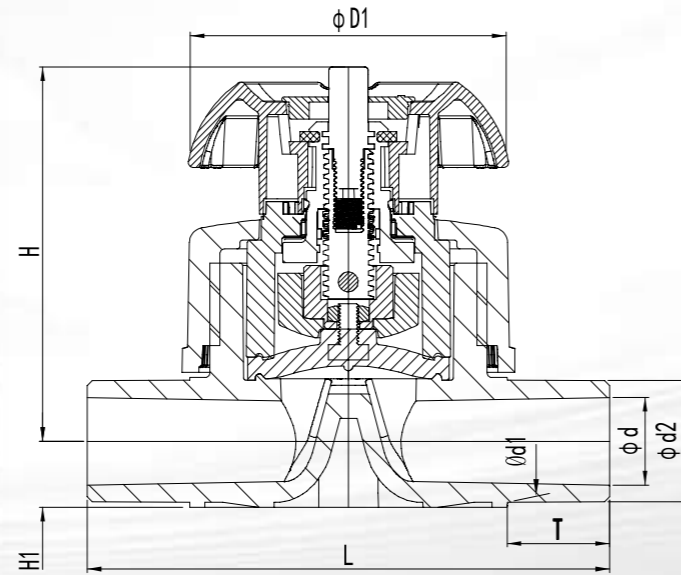
Brand: HUASHENG

Size DN(De)	Dimensions (mm)									
	D	D1	d	H1	H	T	L	HOLE CENTER DISTANCE	HOLE DIAMETER	HOLE @A <sub>Z</sub>
15(20)	95.00	80.00	16.00	14.00	90.00	13.00	121.00	65.00	14.00	4
20(25)	105.00	80.00	21.00	18.00	102.00	14.00	142.00	75.00	14.00	4
25(32)	115.00	94.00	28.00	21.00	119.00	15.00	151.00	85.00	14.00	4
32(40)	140.00	117.00	36.00	26.00	126.00	15.00	169.00	100.00	16.00	4
40(50)	150.00	117.00	45.00	33.00	139.00	17.00	193.00	110.00	16.00	4
50(63)	165.00	152.00	57.00	39.00	172.00	17.00	227.00	125.00	19.00	4
65(75)	185.00	151.60	85.00	91.00	173.00	17.00	290.00	145.00	19.00	4
80(90)	197.00	263.00	85.00	109.00	226.00	18.00	310.00	160.00	19.00	8
100(110)	220.00	263.00	106.00	134.00	234.00	20.00	350.00	180.00	19.00	8
125(140)	250.00	263.00	106.00	134.00	234.00	22.00	350.00	210.00	22.00	8
150(160)	286.00	392.60	150.00	212.00	333.00	24.00	480.00	240.00	22.00	8

NO.	Name	Quantity	Material
01	Body(DIN)	1	PVC-U/C
02	Diaphragm	1	EPDM/FPM
03	Diaphragm water seal sleeve	1	PP+GF30
04	Hex bolt	1	Stainless steel 304
05	Hex nut	1	Stainless steel 304
06	Disc insert	1	Brass (H62)
07	Indicator stem(both insert)	1	PP
08	Cover	1	PP
09	Jump ring	1	Spring steel
10	Hand wheel	1	PP+GF30/PA6+GF30
11	Body nut	1	PA6+GF30
12	Stem	1	Stainless steel 304
13	Pins	1	Stainless steel 304
14	Stem screw insert	1	Brass (H62)
15	Stem screw	1	PPS
16	Disc	1	PPS
17	One Piece Flange	2	PVC-U/C
18	(DN65-DN150) Transparent cover	1	PC
19	(DN65-DN150) Handwheel	1	PA6+GF30
20	Flanged body	1	PVC-U/C



# PVC-U/C SOCKET DIAPHRAGM VALVE (DIN/ASTM)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-50 1/ 2" -2"
3. Standard: DIN, ASTM
4. Connection: socket
5. Color: body gray, bonnet yellow, handle black

### Product Features

1. Switch torque is small;
2. Simple economy;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test;
6. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)							
	D1	d1	d2	d	H1	H	T	L
15(20)	65.00	20.30	19.95	20.10	14.00	90.00	16.50	124.00
20(25)	65.00	25.30	24.95	25.10	18.00	102.00	19.00	144.00
25(32)	93.50	32.30	31.90	32.10	21.00	119.00	22.50	154.00
32(40)	93.50	40.35	39.90	40.15	26.00	126.00	26.50	174.00
40(50)	121.00	50.35	49.90	50.15	33.00	139.00	31.50	194.00
50(63)	121.00	63.40	62.90	63.20	39.00	172.00	36.70	234.00

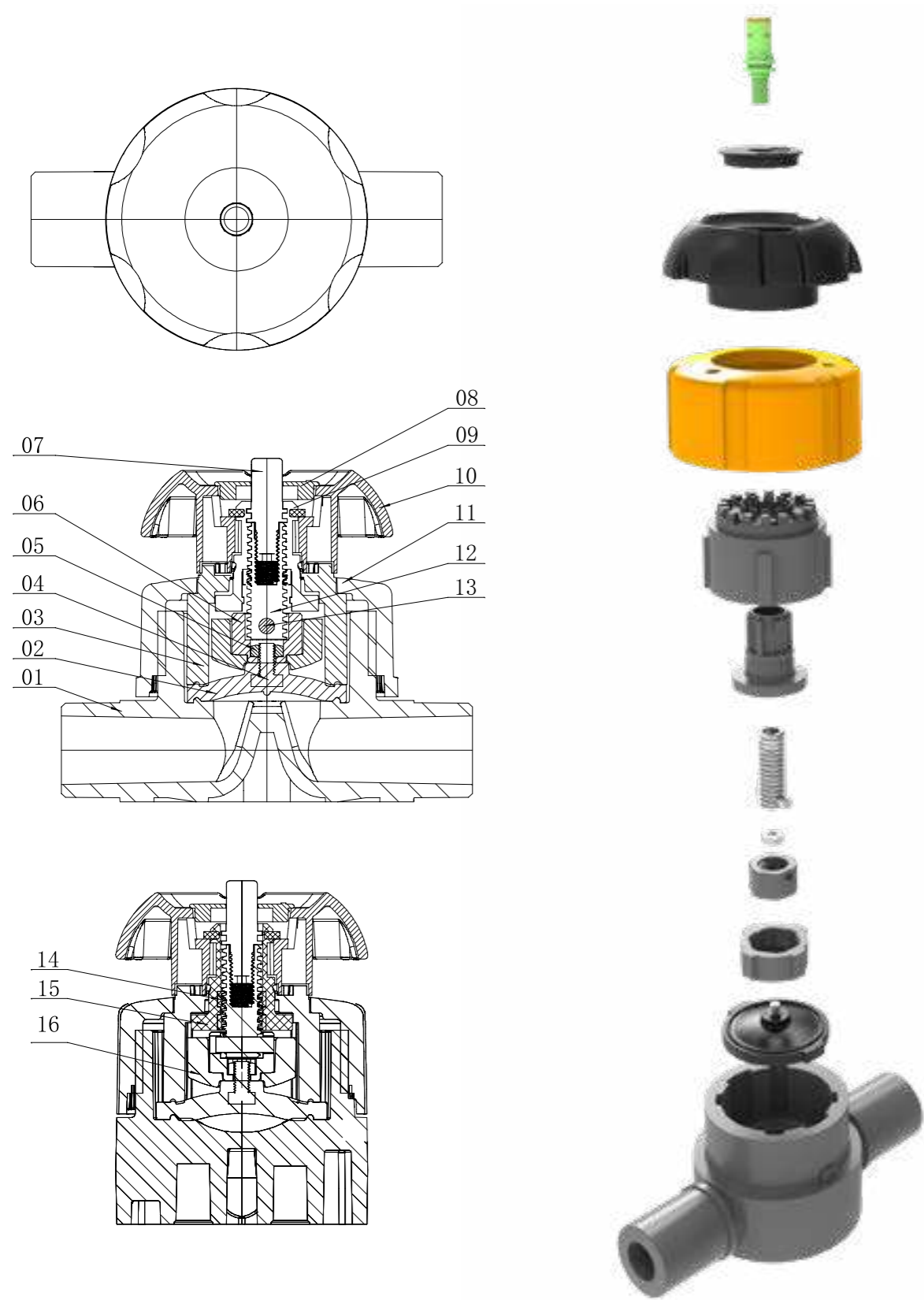
## PARAMETERS (ASTM SCH80)

Brand: CENT

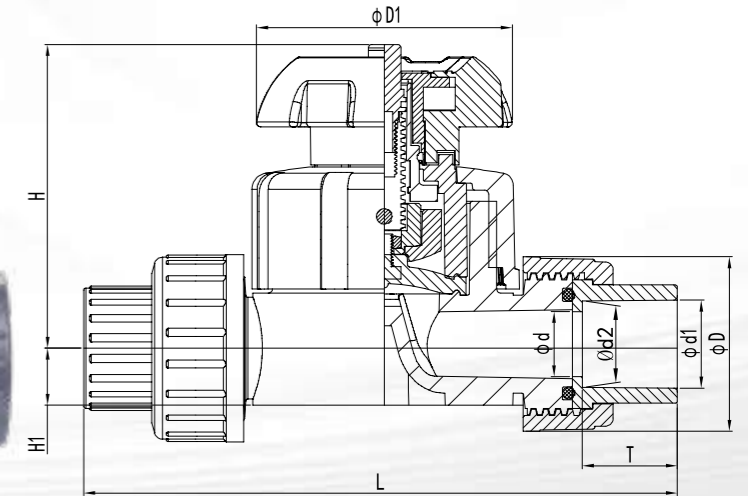
Size (*")	Dimensions (mm)							
	D1	d1	d2	d	H1	H	T	L
1/2"	65.00	21.54	21.23	21.34	14.00	90.00	23.22	124.00
3/4"	65.00	26.87	26.57	26.67	18.00	102.00	26.40	144.00
1"	93.50	33.66	33.27	33.40	21.00	119.00	29.57	154.00
1-1/4"	93.50	42.42	42.04	42.16	26.00	126.00	32.75	174.00
1-1/2"	121.00	48.56	48.11	48.26	33.00	139.00	35.93	194.00
2"	121.00	60.63	60.17	60.33	39.00	172.00	39.10	234.00

NO.	Name	Quantity	Material
01	Body(DIN)	1	PVC-U/C
02	Diaphragm	1	EPDM/FPM
03	Diaphragm water seal sleeve	1	PP+GF30
04	Hex bolt	1	Stainless steel 304
05	Hex nut	1	Stainless steel 304
06	Disc insert	1	Brass (H62)
07	Indicator stem(both insert)	1	PP
08	Cover	1	PP
09	Jump ring	1	Spring steel
10	Hand wheel	1	PP+GF30/PA6+GF30
11	Body nut	1	PA6+GF30
12	Stem	1	Stainless steel 304
13	Pins	1	Stainless steel 304
14	Stem screw insert	1	Brass (H62)
15	Stem screw	1	PPS
16	Disc	1	PPS





## PVC-U/C TRUE UNION DIAPHRAGM VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-50 1/ 2" -2" 16A-50A
3. Standard: DIN, ASTM, JIS
4. Connection: socket
5. Color: body gray, bonnet yellow, handle black

#### Product Features

1. Switch torque is small;
2. Parts can be replaced, simple and economical;
3. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
4. Thickened valve body for high compression resistance;
5. Valve factory 100% pressure test.

### PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								
	D	D1	d1	d2	d	H1	H	T	L
15(20)	46.50	65.00	20.30	19.95	16.00	14.00	90.00	16.50	128.00
20(25)	53.50	65.00	25.30	24.95	20.00	18.00	102.00	19.00	152.00
25(32)	64.00	93.50	32.30	31.90	26.00	21.00	119.00	22.50	166.00
32(40)	74.50	93.50	40.35	39.90	34.00	26.00	126.00	26.50	192.00
40(50)	85.00	121.00	50.35	49.90	43.00	33.00	139.00	31.50	222.00
50(63)	100.00	121.00	63.40	62.90	56.00	39.00	172.00	36.70	266.00

### PARAMETERS (ASTM SCH80)

Brand: CENIT

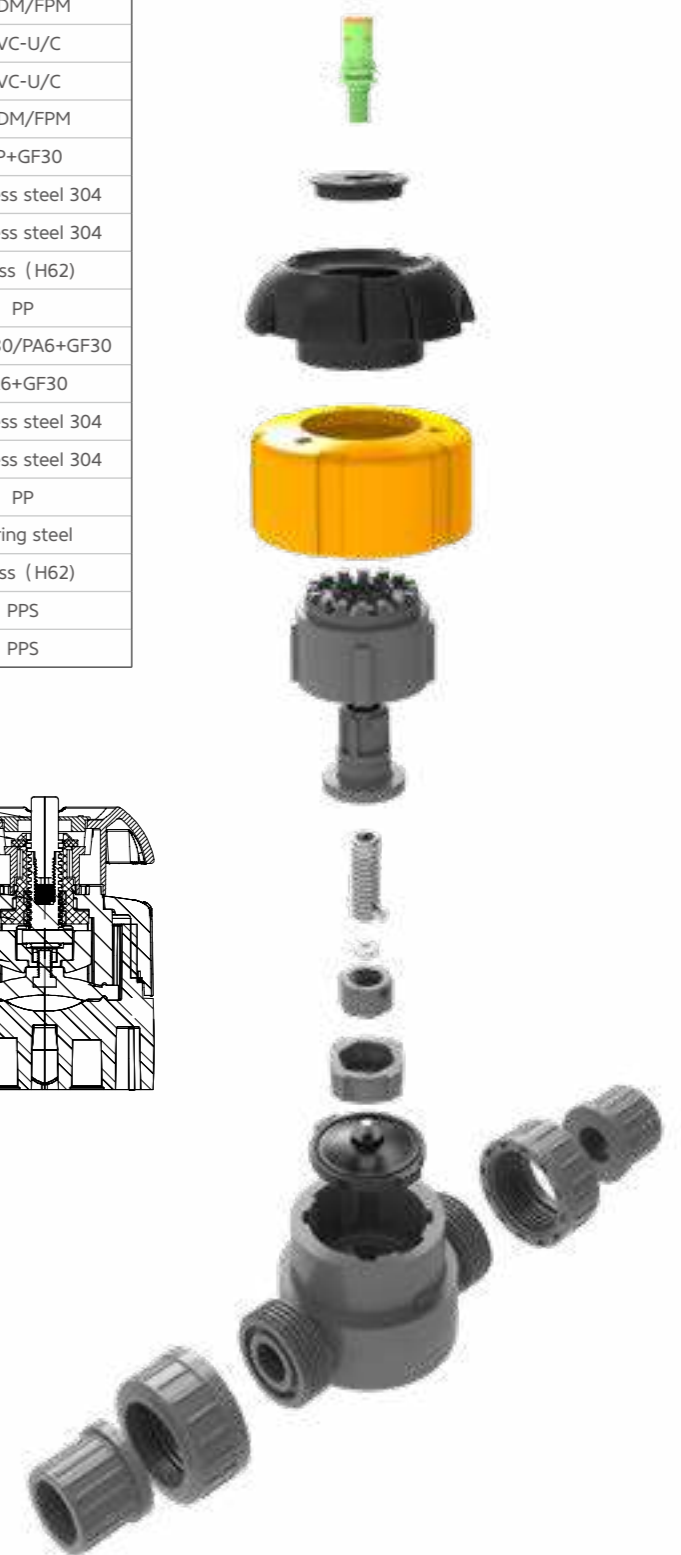
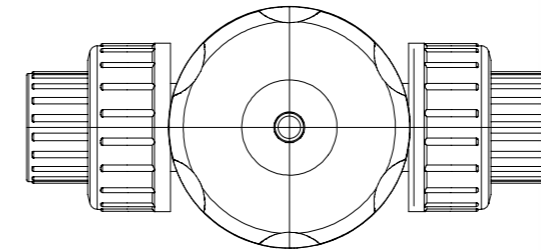
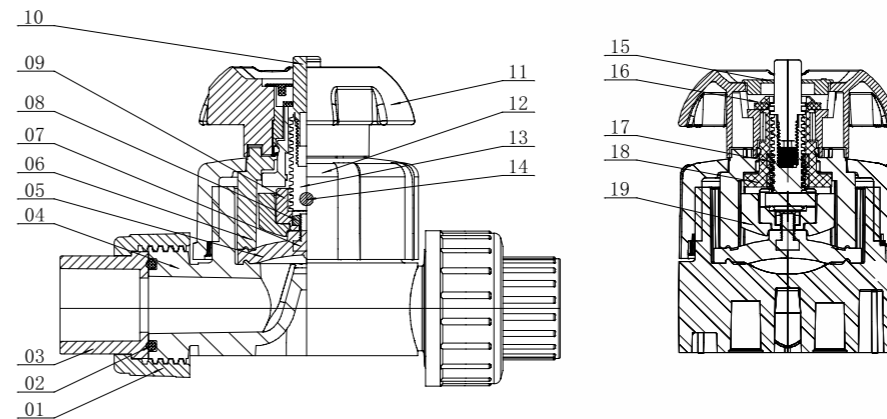
Size (*")	Dimensions (mm)								
	D	D1	d1	d2	d	H1	H	T	L
1/2"	46.50	65.00	21.54	21.23	16.00	14.00	90.00	23.22	141.00
3/4"	53.50	65.00	26.87	26.57	20.00	18.00	102.00	26.40	166.80
1"	64.00	93.50	33.66	33.27	26.00	21.00	119.00	29.57	180.00
1-1/4"	74.50	93.50	42.42	42.04	34.00	26.00	126.00	32.75	204.00
1-1/2"	85.00	121.00	48.56	48.11	43.00	33.00	139.00	35.93	231.00
2"	100.00	121.00	60.63	60.17	56.00	39.00	172.00	39.10	272.00

### PARAMETERS (JIS)

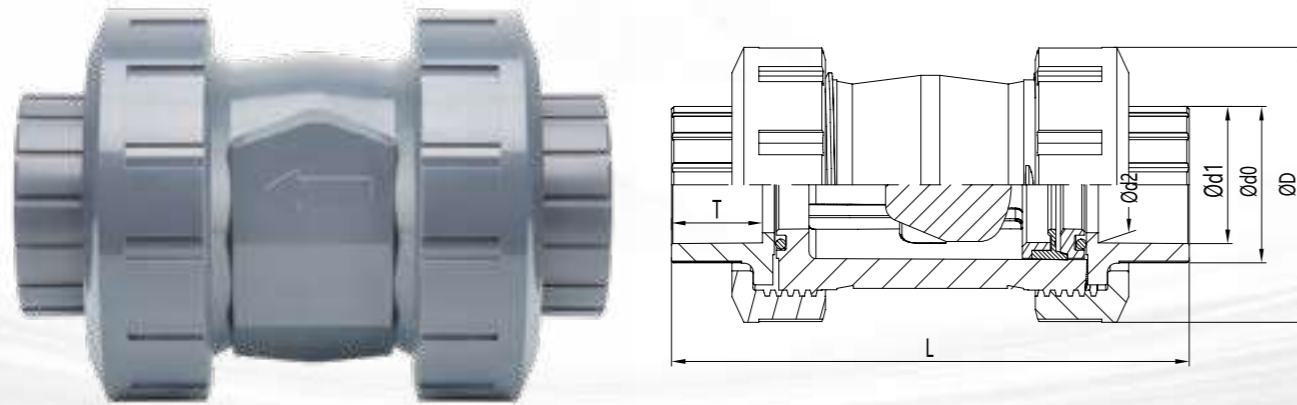
Brand: CENIT

Size (*")	Dimensions (mm)								
	D0	D1	d1	d2	d	H1	H	T	L
16	46.50	65.00	22.40	21.60	16.00	14.00	90.00	30.00	161.60
20	53.50	65.00	26.45	25.51	20.00	18.00	102.00	35.00	195.20
25	64.00	93.50	32.66	31.50	26.00	21.00	119.00	40.00	209.80
30	74.50	93.50	38.60	37.43	34.00	26.00	126.00	44.00	237.60
40	85.00	121.00	48.85	47.38	43.00	33.00	139.00	55.00	280.00
50	100.00	121.00	61.00	59.27	56.00	39.00	172.00	63.00	328.00

NO.	Name	Quantity	Material
01	Faucet nut	1	PVC-U/C
02	O-ring	1	EPDM/FPM
03	Faucet(DIN)	1	PVC-U/C
04	Body(DIN)	1	PVC-U/C
05	Diaphragm	1	EPDM/FPM
06	Diaphragm water seal sleeve	1	PP+GF30
07	Hex bolt	1	Stainless steel 304
08	Hex nut	1	Stainless steel 304
09	Disc insert	1	Brass (H62)
10	Indicator stem(both insert)	1	PP
11	Hand wheel	1	PP+GF30/PA6+GF30
12	Body nut	1	PA6+GF30
13	Stem	1	Stainless steel 304
14	Pins	1	Stainless steel 304
15	Cover	1	PP
16	Jump ring	1	Spring steel
17	Stem screw insert	2	Brass (H62)
18	Stem screw	1	PPS
19	Disc	1	PPS



# PVC-U/C SOCKET TRUE UNION CHECK VALVE (DIN/ASTM/JIS)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: socket
5. Color: dark gray

### Product Features

1. Simple economy;
2. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
3. Thickened valve body for high compression resistance;
4. Valve factory 100% pressure test;
5. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

## PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)						Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	d0	d1	d2	T	L	
15(20)	51.50	27.40	20.30	19.95	17.00	95.80	PN10
20(25)	59.00	32.70	25.30	24.95	19.50	109.60	PN10
25(32)	70.00	41.30	32.30	31.90	23.00	123.10	PN10
32(40)	85.40	49.60	40.35	39.90	27.00	150.00	PN10
40(50)	98.90	60.20	50.35	49.90	32.00	161.20	PN10
50(63)	122.20	76.00	63.40	62.90	38.50	186.00	PN10
65(75)	158.60	89.60	75.40	74.90	44.50	236.00	PN10
80(90)	192.10	105.40	90.50	89.90	52.00	255.00	PN10
100(110)	223.60	128.40	110.60	109.90	62.00	298.60	PN10

## PARAMETERS (ASTM SCH80)

Brand: CENIT

Size (*")	Dimensions (mm)					
	D	d0	d1	d2	T	L
1/2"	51.50	27.40	21.54	21.23	23.30	108.40
3/4"	59.00	32.70	26.87	26.57	26.50	123.60
1"	70.00	41.30	33.66	33.27	29.70	136.50
1-1/4"	85.40	49.60	42.42	42.04	32.90	161.80
1-1/2"	98.90	60.20	48.56	48.11	36.10	169.40
2"	122.20	76.00	60.63	60.17	39.30	187.60
2-1/2"	158.60	89.60	73.38	72.85	45.70	237.20
3"	192.10	105.40	89.31	88.70	48.90	248.80
4"	223.60	128.40	114.76	114.07	58.40	291.40

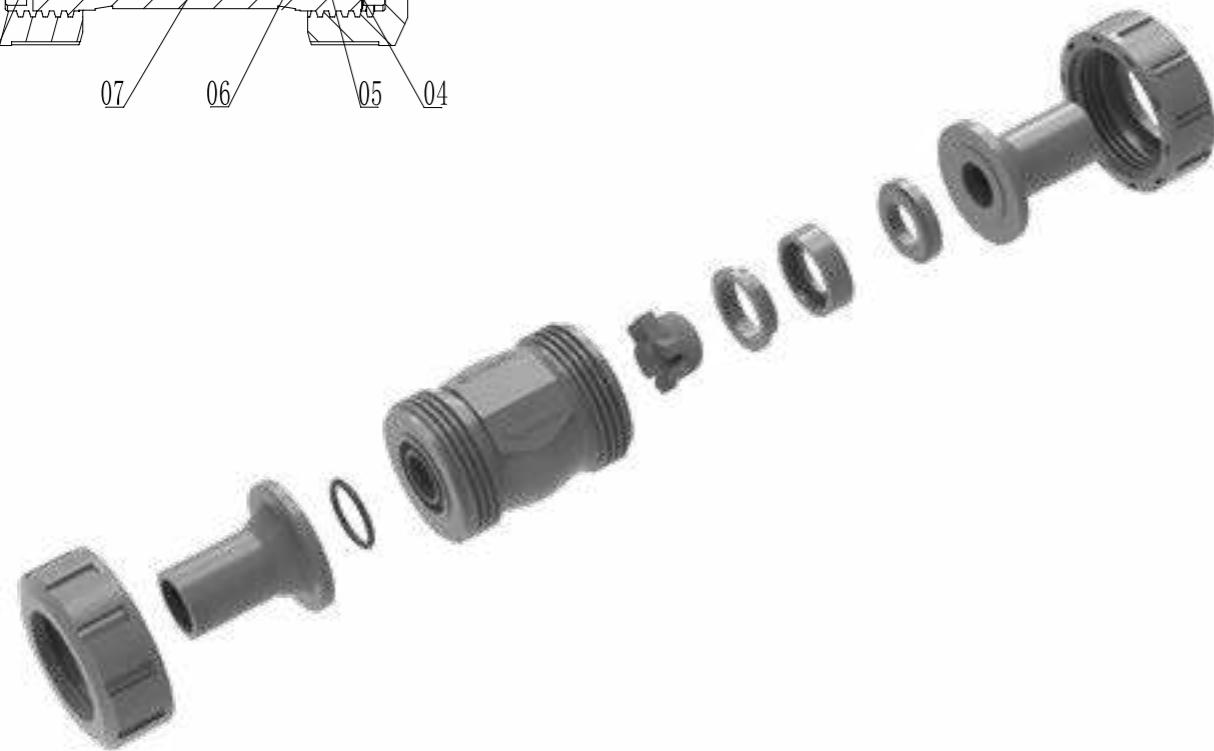
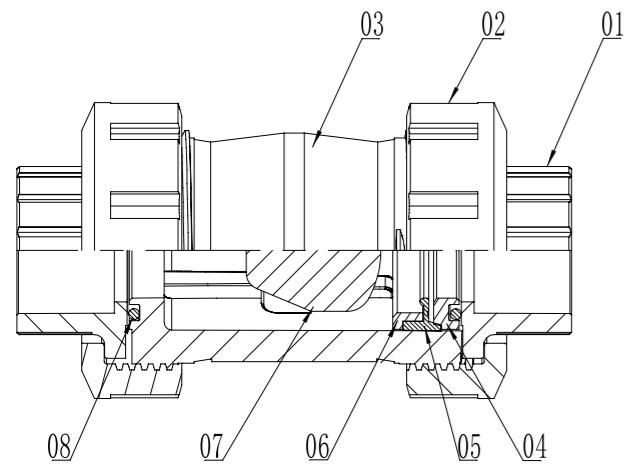
## PARAMETERS (JIS)

Brand: CENIT

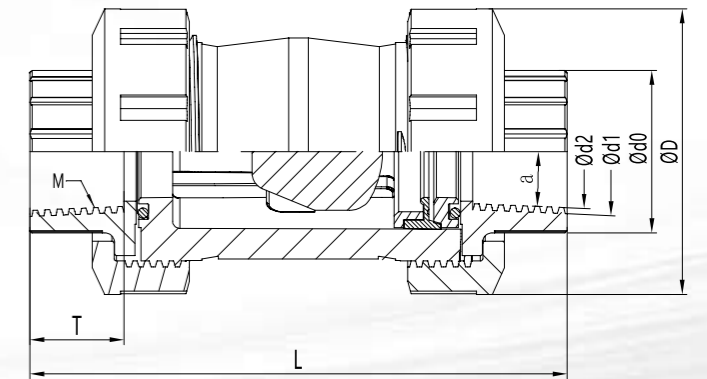
Size A	Dimensions (mm)						Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	d0	d1	d2	T	L	
16	51.50	30.50	22.40	21.60	30.00	121.80	PN10
20	59.00	34.11	26.45	25.51	35.00	140.60	PN10
25	70.00	41.30	32.66	31.50	40.00	157.10	PN10
30	85.40	48.16	38.60	37.43	44.00	184.00	PN10
40	98.90	59.10	48.85	47.38	55.00	207.20	PN10
50	122.20	72.10	61.00	59.27	63.00	235.00	PN10
65	158.60	89.23	77.10	75.73	63.00	273.00	PN10
75	192.10	105.33	89.60	88.58	64.00	279.00	PN10
100	223.60	133.07	114.70	113.55	84.00	342.60	PN10



NO.	Name	Quantity	Material
01	Faucet	2	PVC-U/C
02	Nut	2	PVC-U/C
03	Body	1	PVC-U/C
04	Washer	1	PVC-U/C
05	Rubber ring	1	EPDM/FPM
06	Location Ring	1	PVC-U/C
07	Ball	1	PVC-U/C
08	O-Ring	2	EPDM/FPM



## PVC-U/C THREADED TRUE UNION CHECK VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-100 1/ 2" -4" 16A-100A
3. Standard: DIN, ASTM, JIS
4. Connection: Threaded
5. Color: dark gray

#### Product Features

1. Simple economy;
2. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
3. Thickened valve body for high compression resistance;
4. Valve factory 100% pressure test;
5. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

### PARAMETERS (DIN)

Brand: HUASHENG

Size DN(De)	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	d0	d1	d2	T	L	Tr	a	
15(20)	51.50	27.40	20.95	18.63	17.00	95.80	1/2"	3.58	PN10
20(25)	59.00	32.70	26.44	24.12	19.50	109.58	3/4"	3.58	PN10
25(32)	70.00	41.30	33.25	30.29	23.00	123.10	1"	3.58	PN10
32(40)	85.40	49.60	41.91	38.95	27.00	147.50	1-1/4"	3.58	PN10
40(50)	98.90	60.20	47.80	44.85	32.00	159.50	1-1/2"	3.58	PN10
50(63)	122.20	76.00	59.61	56.66	38.50	184.80	2"	3.58	PN10
65(75)	158.60	89.60	75.18	74.23	44.50	233.50	2-1/2"	3.58	PN10
80(90)	192.10	105.40	87.88	84.93	52.00	255.00	3"	3.58	PN10
100(110)	223.60	128.40	113.03	110.07	62.00	297.50	4"	3.58	PN10

### PARAMETERS (ASTM SCH80)

Brand: CENIT

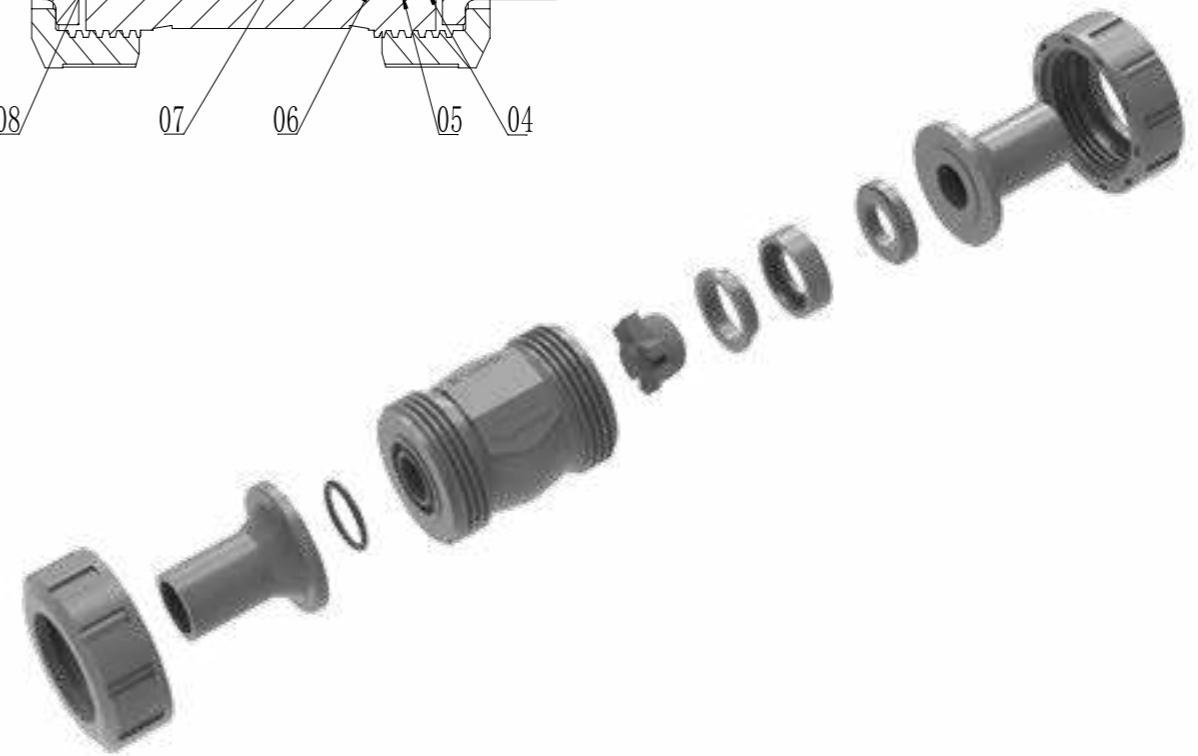
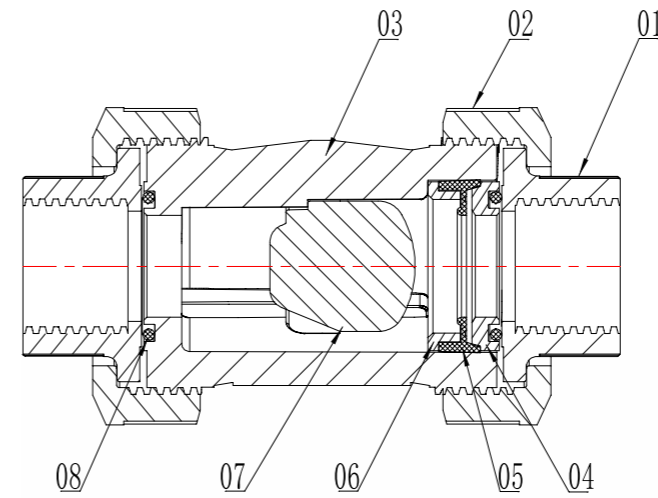
Size (*")	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	d0	d1	d2	T	L	Tr	a	
1/2"	51.50	27.40	20.95	18.63	17.00	95.80	1/2"	3.58	PN10
3/4"	59.00	32.70	26.44	24.12	19.50	109.58	3/4"	3.58	PN10
1"	70.00	41.30	33.25	30.29	23.00	123.10	1"	3.58	PN10
1-1/4"	85.40	49.60	41.91	38.95	27.00	147.50	1-1/4"	3.58	PN10
1-1/2"	98.90	60.20	47.80	44.85	32.00	159.50	1-1/2"	3.58	PN10
2"	122.20	76.00	59.61	56.66	38.50	184.80	2"	3.58	PN10
2-1/2"	158.60	89.60	75.18	74.23	44.50	233.50	2-1/2"	3.58	PN10
3"	192.10	105.40	87.88	84.93	52.00	255.00	3"	3.58	PN10
4"	223.60	128.40	113.03	110.07	62.00	297.50	4"	3.58	PN10

### PARAMETERS (JIS)

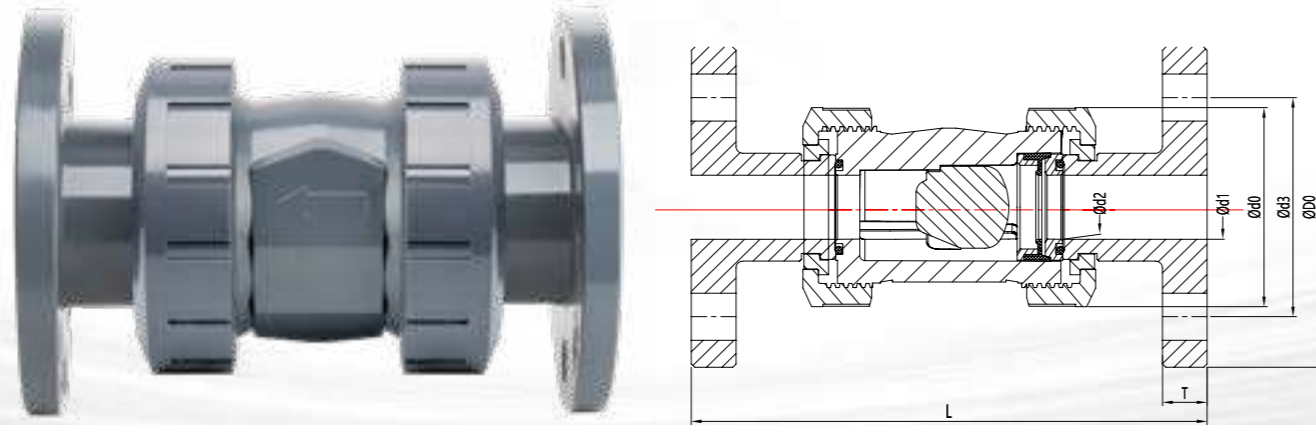
Brand: CENIT

Size A	Dimensions (mm)								Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	d0	d1	d2	T	L	Tr	a	
16	51.50	27.40	20.95	18.63	17.00	95.80	1/2"	3.58	PN10
20	59.00	32.70	26.44	24.12	19.50	109.58	3/4"	3.58	PN10
25	70.00	41.30	33.25	30.29	23.00	123.10	1"	3.58	PN10
30	85.40	49.60	41.91	38.95	27.00	147.50	1-1/4"	3.58	PN10
40	98.90	60.20	47.80	44.85	32.00	159.50	1-1/2"	3.58	PN10
50	122.20	76.00	59.61	56.66	38.50	184.80	2"	3.58	PN10
65	158.60	89.60	75.18	74.23	44.50	233.50	2-1/2"	3.58	PN10
75	192.10	105.40	87.88	84.93	52.00	255.00	3"	3.58	PN10
100	223.60	128.40	113.03	110.07	62.00	297.50	4"	3.58	PN10

NO.	Name	Quantity	Material
01	Faucet	2	PVC-U/C
02	Nut	2	PVC-U/C
03	Body	1	PVC-U/C
04	Washer	1	PVC-U/C
05	Rubber ring	1	EPDM/FPM
06	Location Ring	1	PVC-U/C
07	Ball	1	PVC-U/C
08	O-Ring	2	EPDM/FPM



# PVC-U/C FLANG TRUE UNION CHECK VALVE (DIN)



## PRODUCT INTRODUCTION

### Valve description

1. Material: PVC -U/C
2. Size: DN15-100
3. Standard: DIN
4. Connection: Flanged
5. Color: dark gray

### Product Features

1. Simple economy;
2. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
3. Thickened valve body for high compression resistance;
4. Valve factory 100% pressure test;
5. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

## PARAMETERS (DIN)

Brand: HUASHENG

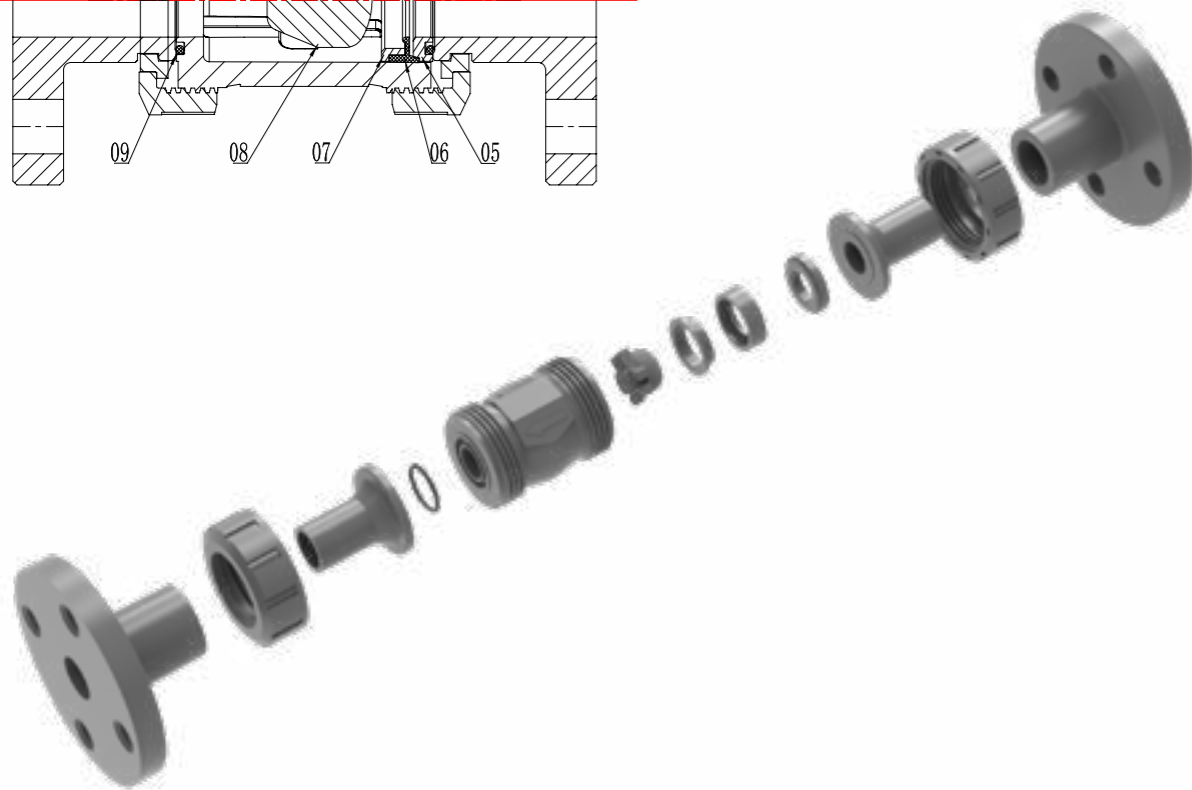
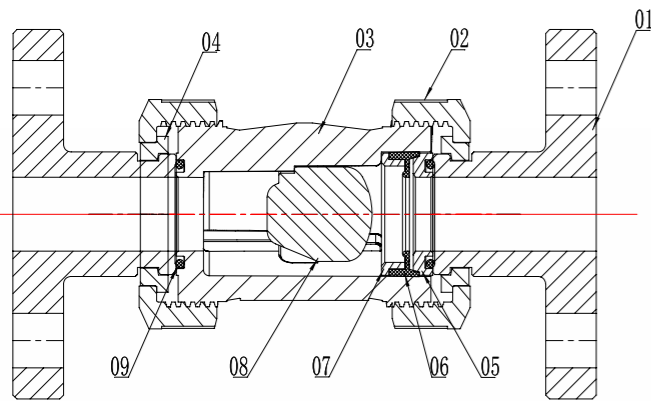
Size Dn(De)	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D0	d0	d1	d2	d3	T	L	
15(20)	95.00	51.50	20.30	19.95	65.00	13.00	141.60	10
20(25)	105.00	59.00	25.30	24.95	75.00	14.00	171.50	10
25(32)	115.00	70.00	32.30	31.90	85.00	15.00	188.50	10
32(40)	140.00	85.40	40.35	39.90	100.00	15.00	187.50	10
40(50)	150.00	98.90	50.35	49.90	110.00	17.00	215.00	10
50(63)	165.00	122.20	63.40	62.90	125.00	17.00	235.00	10
65(75)	185.00	158.60	75.40	74.90	145.00	18.00	288.50	10
80(90)	200.00	192.10	90.50	89.90	160.00	18.00	310.00	10
100(110)	220.00	223.60	110.60	109.90	180.00	18.00	375.00	10

EXPERT IN PIPING SYSTEM

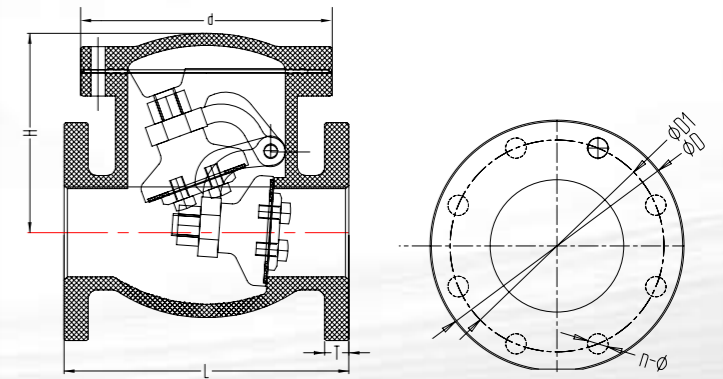




NO.	Name	Quantity	Material
01	Flange	2	PVC-U/PVC-C
02	Nut	2	PVC-U/PVC-C
03	Body	1	PVC-U/PVC-C
04	Clamp Ring	2	PVC-U/PVC-C
05	Washer	1	PVC-U/PVC-C
06	Rubber Ring	1	EPDM/FPM
07	Located Ring	1	PVC-U/PVC-C
08	Ball	1	PVC-U/PVC-C
09	O-ring	2	EPDM/FPM



## PVC-U/C SWING SPRING CHECK VALVE (DIN/ASTM/JIS)



### PRODUCT INTRODUCTION

#### Valve description

1. Material: PVC -U/C
2. Size: DN15-200 1/ 2" -8" 16A-200A
3. Standard: DIN, ASTM, JIS
4. Connection: Flanged
5. Color: dark gray

#### Product Features

1. Simple economy;
2. The material is nano-modified to improve the pressure resistance and impact resistance of the product;
3. Thickened valve body for high compression resistance;
4. Valve factory 100% pressure test;
5. The body and seal are specially treated for better performance; Actuator performs 500,000 opening and closing tests.

### PARAMETERS (DIN)

Brand: HUASHENG

Size DN	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	D1	L	T	H	d	n-φe	
15	100	65	140	15	93	87	4-φ14	PN10
20	100	75	140	15	93	87	4-φ14	PN10
25	120	85	160	15	117	130	4-φ18	PN10
32	140	100	180	19	137	146	4-φ18	PN10
40	140	110	180	19	137	146	4-φ18	PN8
50	165	125	200	20	156	167	4-φ18	PN8
65	185	145	240	22	170.2	203	4-φ18	PN8
80	200	160	260	22	181	230	8-φ18	PN5
100	224	180	300	24	216	278	8-φ18	PN5
125	254	210	300	24	216	278	8-φ18	PN5
150	285	240	400	26	286	394	8-φ23	PN5
200	324	295	500	30	336	476	8-φ23	PN3

### PARAMETERS (ASTM SCH80)

Brand: HUASHENG

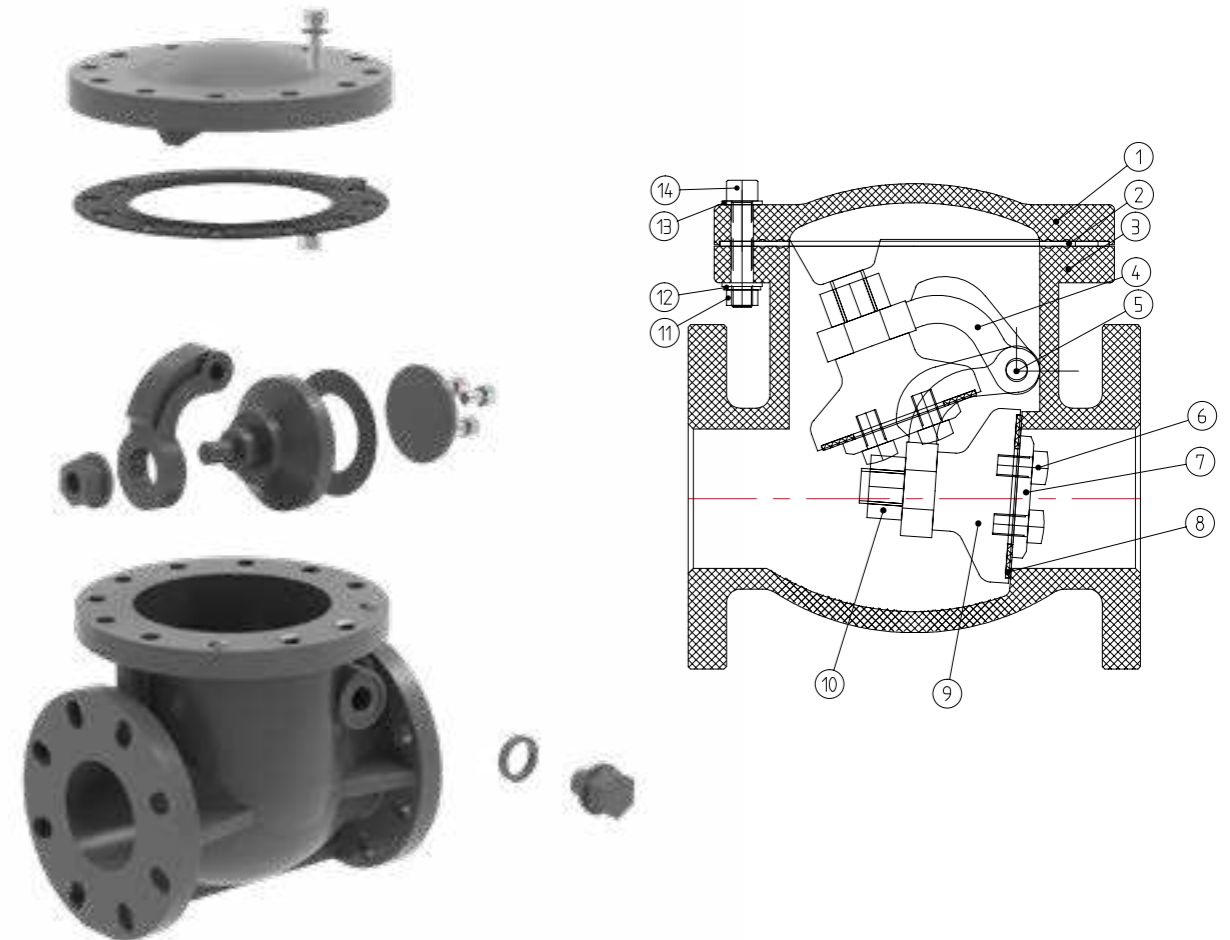
Size (")	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	D1	L	T	H	d	n-φe	
1/2"	100	60	140	15	93	87	4-φ16	PN10
3/4"	100	70	140	15	93	87	4-φ16	PN10
1"	120	79	160	15	117	130	4-φ16	PN10
1-1/4"	140	88.9	180	19	137	146	4-φ16	PN10
1-1/2"	140	98	180	19	137	146	4-φ16	PN8
2"	165	121	200	20	156	167	4-φ19	PN8
2-1/2"	185	140	240	22	170.2	203	4-φ19	PN8
3"	200	152	260	22	181	230	4-φ19	PN5
4"	224	191	300	24	216	278	8-φ19	PN5
5"	254	216	300	24	216	278	8-φ22	PN5
6"	285	241	400	26	286	394	8-φ22	PN5
8"	324	298	500	30	336	476	8-φ22	PN3

### PARAMETERS (JIS)

Brand: HUASHENG

Size A	Dimensions (mm)							Nominal Pressure PN(kg/cm <sup>2</sup> )
	D	D1	L	T	H	d	n-φe	
16	100	70.00	140	15	93	87	4-φ15	PN10
20	100	75.00	140	15	93	87	4-φ15	PN10
25	120	90.00	160	15	117	130	4-φ19	PN10
30	140	100.00	180	19	137	146	4-φ19	PN10
40	140	105.00	180	19	137	146	4-φ19	PN8
50	165	120.00	200	20	156	167	4-φ19	PN8
65	185	140.00	240	22	170.2	203	4-φ19	PN8
75	200	150.00	260	22	181	230	8-φ19	PN5
100	224	175.00	300	24	216	278	8-φ19	PN5
125	254	210.00	300	24	216	278	8-φ23	PN5
150	285	240.00	400	26	286	394	8-φ23	PN5
200	343	290.00	500	30	336	476	12-φ23	PN3

NO.	Name	Quantity	Material
01	End Cover	1	PVC-U/C
02	Gasket 1	1	EPDM/FPM
03	Body	1	PVC-U/C
04	Hinge	1	PVC-U/C
05	Pin	1	PTFE
06	Hexagon Bolt	1—4	PVC-U/C
07	Cover plate	1	PVC-U/C
08	Gasket 2	1	EPDM/FPM
09	Flap	1	PVC-U/C
10	Nut	1	PVC-U/C
11	Hexagon Nut	8—12	Stainless steel 304
12	Spring Washer	8—12	Stainless steel 304
13	Plain Washer	16—24	Stainless steel 304
14	Hexagon Bolt	8—12	Stainless steel 304



# EXPERT IN PIPING SYSTEM



微信公众号二维码



企业网站二维码

 **400-928-1588**

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