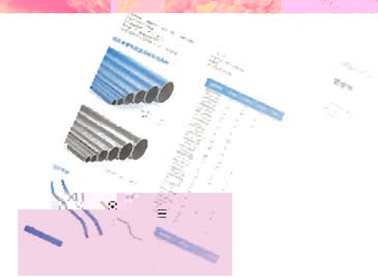
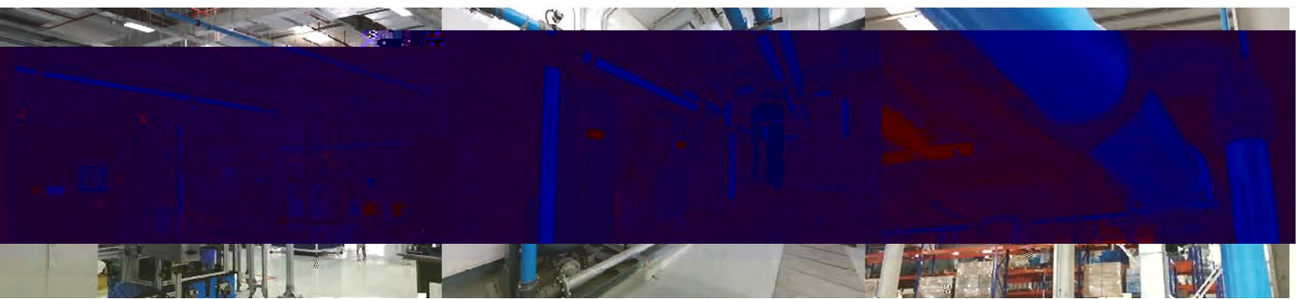


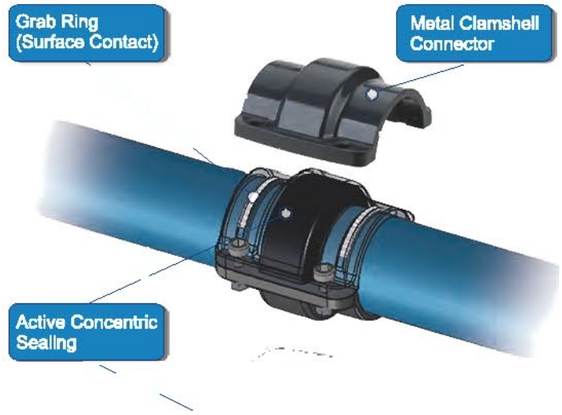


Superior Reliability & Longevity

-
- M
-
- R

Energy & Cost Savings

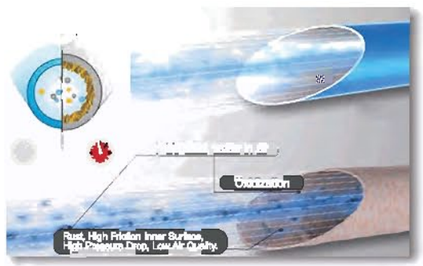
-
- C

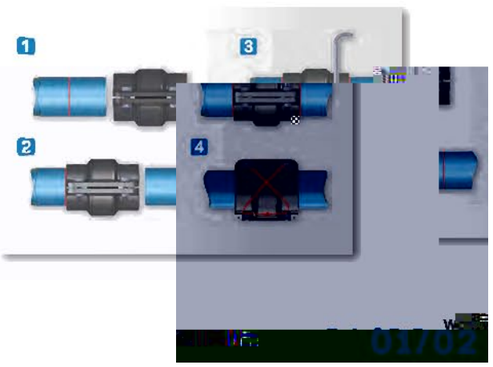


Quick & Easy Modular Installation

- C
-
- R
- C

Dual Performance
- Surface contact and active sealing
- Working Pressure up to 16bar
- 20 year life

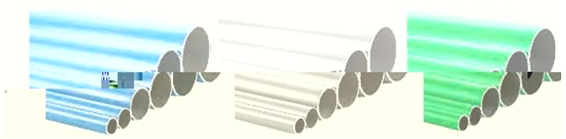




Engineered for Superior Performance

Product Range & Features

Rigid Aluminum Pipe



- Up to max.200mm diameter - 200m3/min flow single line.
- High-quality powder coating and colors customization.
- Designed for compressed air, vacuum, and inert gases.
- Light-weight & corrosion-free.

Ball & Butterfly Valves

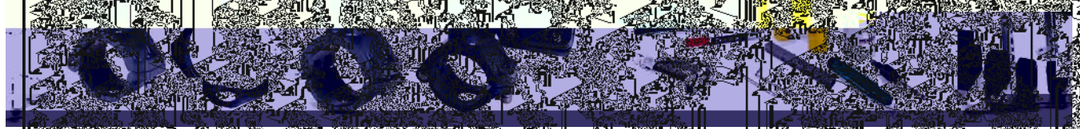
- Quick connection.
- Available for BSP/NPT thread, flange, plug-in connection type.
- High-flow design ensures optimal performance.

Pipe Connectors

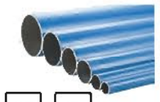
Flexible Hoses

Quick Connect Fittings

Tools & Accessories



BLUE ALUMINUM PIPE



5.8M Length

AIRpipe	DN	OD	ID
301 00 0100 01	20	20.1	17.5
301 00 0200 01	25	25.1	22.5
301 00 0400 01	40	40.1	36.5
301 00 0500 01	50	50.1	45.7
301 00 0600 01	63	67.6	63.0
301 00 0700 01	80	84.8	80.0
301 00 0800 01	100	101.8	96.8
301 00 0900 01	150	153.0	147.5
301 00 1000 01	200	205.0	197.8

* 2.9M length please contact local sales.

GREEN ALUMINUM PIPE

5.8M Length

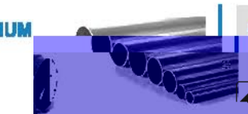
AIRpipe	DN	OD	ID
301 00 0100 03	20	20.1	17.5
301 00 0200 03	25	25.1	22.5
301 00 0400 03	40	40.1	36.5
301 00 0500 03	50	50.1	45.7
301 00 0600 03	63	67.6	63.0
301 00 0700 03	80	84.8	80.0
301 00 0800 03	100	101.8	96.8
301 00 0900 03	150	153.0	147.5
301 00 1000 03	200	205.0	197.8

* 2.9M length please contact local sales.

EQUAL 90° ELBOW

AIRpipe	DN
302 03 0100 02	20
302 03 0200 02	25
302 03 0400 02	40

GRAY ALUMINUM PIPE



5.8M Length

AIRpipe	DN	OD	ID
301 00 0100 02	20	20.1	17.5
301 00 0200 02	25	25.1	22.5
301 00 0400 02	40	40.1	36.5
301 00 0500 02	50	50.1	45.7
301 00 0600 02	63	67.6	63.0
301 00 0700 02	80	84.8	80.0
301 00 0800 02	100	101.8	96.8
301 00 0900 02	150	153.0	147.5
301 00 1000 02	200	205.0	197.8

* 2.9M length please contact local sales.

END CAP

AIRpipe	DN
302 06 0100 02	20
302 06 0200 02	25
302 06 0400 02	40
302 06 0500 02	50

*Union connector included

302 06 0600 01	63
302 06 0700 01	80
302 06 0800 01	100
302 06 1000 01	150
302 06 1100 01	200

*Use one union connector

REDUCING TEE

AIRpipe	DN	DN
302 07 0201 02	25	20
302 07 0402 02	40	25

EQUAL PIPE TO PIPE CONNECTORS

AIRpipe	DN
02 02 0100 01	20
02 02 0200 01	25
02 02 0400 01	40
02 02 0500 01	50
02 02 0601 05	63
02 02 0701 08	80
02 02 0801 08	100
02 02 1001 05	150
02 02 1101 05	200

EQUAL TEE

AIRpipe	DN
02 05 0100 02	20
02 05 0200 02	25
02 05 0400 02	40
02 05 0500 02	50

Union connectors included

02 05 0600 01	63
02 05 0700 01	80
02 05 0800 01	100
02 05 1000 01	150
02 05 1100 01	200

Use three union connectors

REDUCING PIPE TO PIPE CONNECTORS

AIRpipe	DN	DN
302 21 0201 02	25	20
302 21 0402 02	40	25
302 21 0502 02	50	25
302 21 0504 02	50	40
302 21 0604 02	63	40
302 21 0605 02	63	50
302 21 0705 02	80	50

*Union connectors size bellow 63 included

302 21 0706 01	80	63
302 21 0806 01	100	63
302 21 0807 01	100	80
302 21 1007 01	150	80
302 21 1008 01	150	100

ALUMINUM JOINT MALE THREAD

QUICK DROP

QUICK DROP

ALUMINUM ELBOW MALE

ALUMINUM ELBOW FEMALE

QUICK DROP FEMALE THREAD

QUICK CONNECT VALVE MALE THREAD

QUICK CONNECT BALL VALVE

VALVED WALL BRACKET FEMALE THREAD

BRASS BALL VALVE

NON-VALVED WALL BRACKETS

SWING CHECK VALVE

BUTTERFLY VALVE

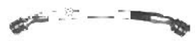
ALUMINUM REDUCER FLANGE

FLANGE

FLANGE(CAST IRON) FEMALE THREAD

FLANGE(STAINLESS STEEL) FEMALE THREAD

FLEXIBLE HOSES



PNEUMATIC CONNECTOR MALE

WATER DRAIN VALVE

Engineered for Superior Performance

FIXTURE CLAMPS & ACCESSORIES

THREADED ADAPTORS

ATMOLYSIS BAG

SAMPLE BOX

TOOL BOX

DRILL (TAPPER)

DRILL HOLDER

PRESSURE METER

MARKER

HOLE DEBURRER

ALUMINUM PIPE DEBURRER

SPANNERS

ALUMINUM PIPE CUTTER

ELECTRIC PIPE CUTTER

FIXING BOLT

SQUARE STEEL

ADJUSTABLE BRACKET

GRIDER CLAMP

SQUARE STEEL CLAMP

PIPE BENDING TOOL

WALL MOUNTED BRACKET

UNIVERSAL BEAM SUSPENDER

FIXTURE CLAMPS & ACCESSORIES

WIRE SUSPENSION CABLE

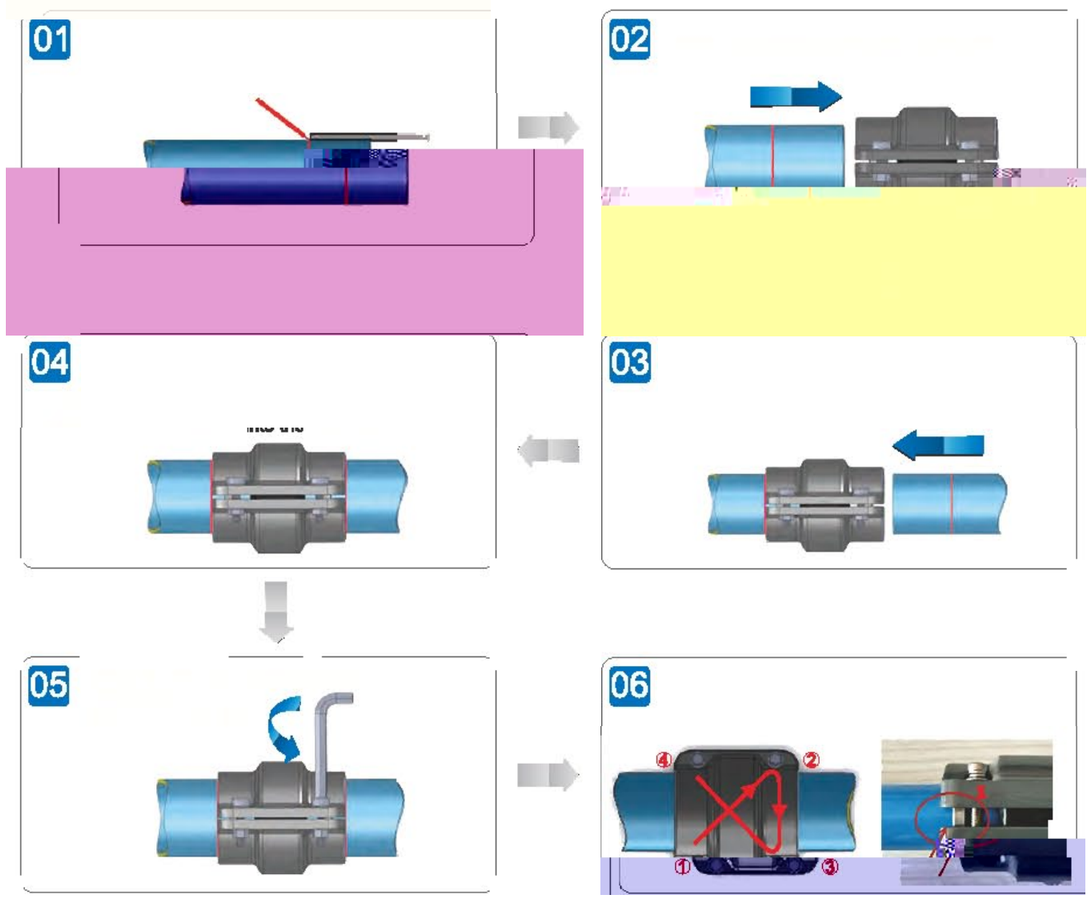
LUGGING MACHINE

Superior Reliability!

Insertion Depth S For DN20~DN50 Connector

DN	Insertion depth S (mm)
50	39

Installation Guide for DN20~DN50



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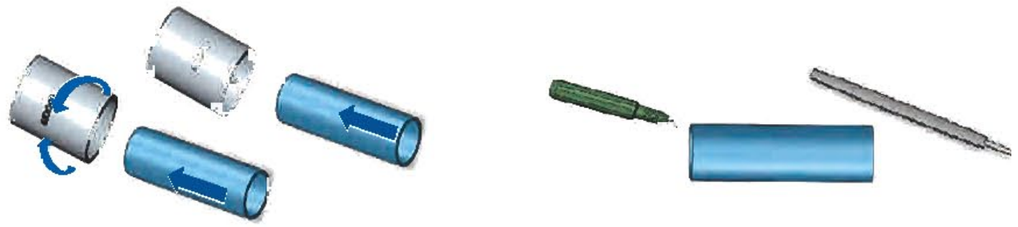
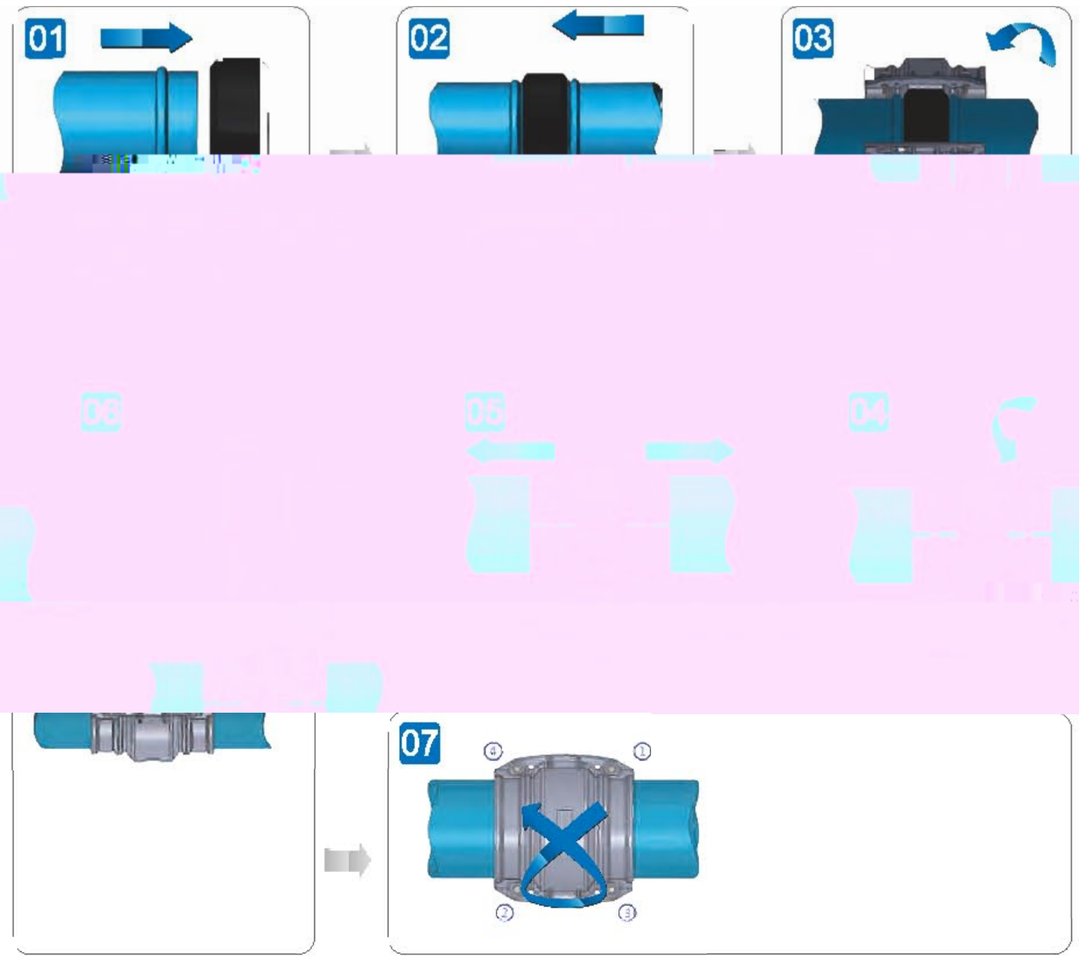
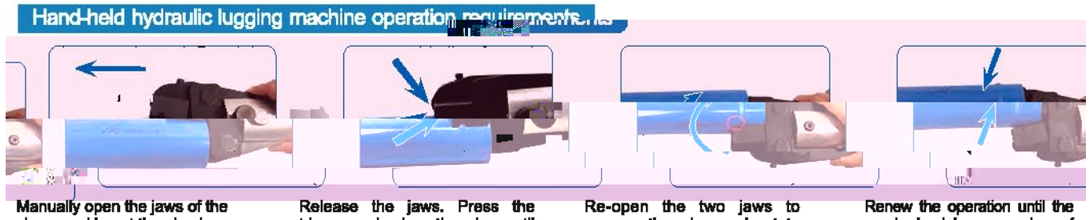
Deburr & Chamfer The Outer and Inner Edges Before Installation



Installation Guide for DN63~DN200



Hand-held hydraulic lugging machine operation requirements



Manually open the jaws of the clamp and insert the aluminum pipe into the clamp as far as possible.

Release the jaws. Press the trigger and crimp the pipe until a"snap" sound is heard.

Re-open the two jaws to remove the pipe and rotate the pipe slightly. Put the jaw side to the mark position.

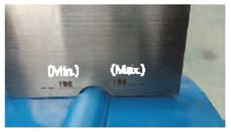
Renew the operation until the required minimum number of lugs for each diameter is finished.

Number of lugs for each diameter:

AIRPIPE	DN63	DN80	DN100	D3	DN200
	5	6	6		2

Note: Do not overlap the lugs!

DN	H(mm)
63	3.0~3.3
80	3.0~3.3
100	3.0~3.3
150	3.0~3.3
200	3.0~3.3



Sizing Chart for Quick Drops

Drill	Drill Holder	DN(MM)	Quick Drops (PN)				
301 35 0005 01	301 35 0008 06	Φ16	302 10 0201 04	302 10 0202 03	302 11 0200 03	302 11 0401 03	
301 35 0005 01	301 35 0008 07	Φ22	302 10 0401 04	302 10 0402 04	302 11 0400 03	302 10 0602 01	302 10 0701 01	302 10 0702 01
			302 10 0601 01	302 10 0602 01	302 10 0601 01	302 10 1002 01	302 10 1102 01	
			302 10 0801 01	302 10 0802 01	302 10 1001 01	302 11 0801 01	302 11 0700 01	302 11 0701 01
301 35 0005 01	301 35 0008 03	Φ26	302 11 0500 01	302 11 0501 01	302 11 0600 01			
			302 11 0800 01	302 11 1000 01				
301 35 0005 02	301 35 0008 04	Φ38	302 10 0804 01					
301 35 0005 02	301 35 0008 05	Φ51	302 10 1004 01	302 10 1005 01	302 10 1104 01	302 10 1105 01		

- The following table is based on a closed-loop pipe system.
- Working pressure is 8bar and pressure drop is 0.4bar, flow speed not taken into account.

Flow	Length									
N m3/h	50M	100M	150M	300M	500M	750M	1000M	1300M	1600M	2000M
10	20	20	20	20	20	20	20	25	25	25
30	20	20	20	25	25	25	25	25	25	40
50	20	25	25	25	25	25	40	40	40	40
70	25	25	25	25	40	40	40	40	40	40
100	25	25	25	40	40	40	40	40	40	50
150	25	40	40	40	40	40	40	50	50	50
250	40	40	40	40	50	50	50	50	50	50
350	40	40	40	50	50	50	63	63	63	63
500	40	40	50	50	63	63	63	63	63	63
750	40	50	50	50	63	63	63	80	80	80
1000	50	50	63	63	63	80	80	100	100	100
1250	50	50	63	63	63	100	100	100	100	100
1500	50	63	63	80	80	100	100	100	100	100
1750	63	63	80	80	80	100	100	100	100	150
2000	63	80	80	80	100	100	100	100	150	150
2500	63	80	80	80	100	100	100	150	150	150
3000	80	80	80	100	100	150	150	150	150	150
3500	80	80	100	100	150	150	150	150	150	150
4000	80	100	100	100	150	150	150	150	150	150
4500	80	100	100	150	150	150	150	150	150	150
5000	80	100	100	150	150	150	150	150	150	150
5500	100	100	100	150	150	150	150	150	150	150
6000	100	100	150	150	150	150	150	150	150	150
6500	150	150	150	150	150	150	150	150	150	200
7200	150	150	150	150	150	150	150	200	200	200
8000	200	200	200	200	200	200	200	200	200	200
8500	200	200	200	200	200	200	200	200	200	200
10000	200	200	200	200	200	200	200	200	200	200
12000	200	200	200	200	200	200	200	200*	200*	200*

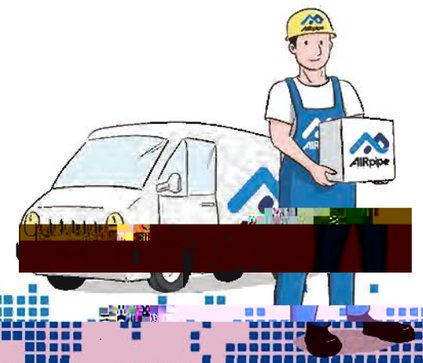
Technical Specifications

- Max. working pressure: 15bar (-20℃~ +80℃),16bar (-20℃~ +45℃)
  Max. working pressure for DN200 is 13bar.
- Vacuum: 1mbar (absolute pressure).
- Working temperature: -20℃ ~ +80℃.
- Suitable fluids: compressed air, oil-free or lubricated, wet, vacuum, inert gases.
- Fireproof. and suitable for outdoor applications.

Qualification & Standards

2014/68/EU, ASME B31.1, TUV, GB/T4437.1-2000, EN755-8, TS, UI94, ISO 8573-1

Engineered for superior performance

- We are committed to provide superior products and service.
- R&D is a continuous process linked to real-world conditions & market feedback.
- Always customer oriented, from design production to sales and service.

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