



**MESOLUBE**

mesolube company



Hydraulic pipe valves/Quick couplings  
Check valves/Throttle valves

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# Company Profile



# Product Display



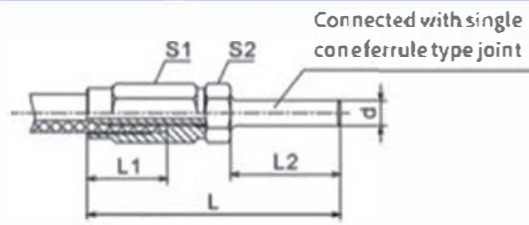
MESOLUBE provides professional oil and grease centralized lubrication systems for the production equipment of the world's leading manufacturers.

We provide lubrication systems including Single-line lubrication systems, Dual-line lubrication systems, Multi-line lubrication systems, Progressive lubrication systems, Oil circulation lubrication systems, Oil and air lubrication systems, Minimal quantity lubrication systems, Chain lubrication. The main features of MESOLUBE lubrication system are stability, precision, intelligence and high cost performance.



# Detachable joint

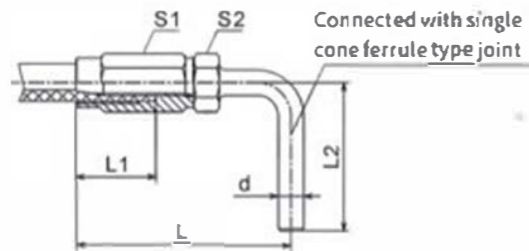
## KA type detachable joint outline dimensions



## Specifications and technical parameters

Model	Overall dimensions(mm)						Combined compound Rubber hose
	d	L1	L2	L	S1	S2	
KA-4	Φ4	19	20	53	12	12	SG-9
KA-6	Φ6	19	26	60	12	12	SG-9
KA-8	Φ8	19	26	60	12	12	SG-9
KA-10	Φ10	19	30	63	14	12	SG-12

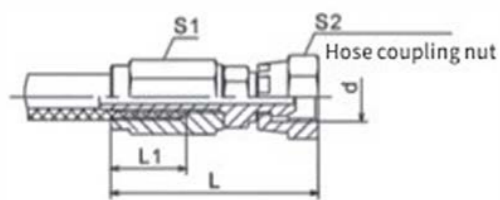
## KB type detachable joint outline dimensions



## Specifications and technical parameters

Model	Overall dimensions(mm)						Combined compound Rubber hose
	d	L1	L2	L	S1	S2	
KB-6	Φ4	19	20	51	12	12	SG-9
KB-8	Φ6	19	26	54	12	12	SG-9

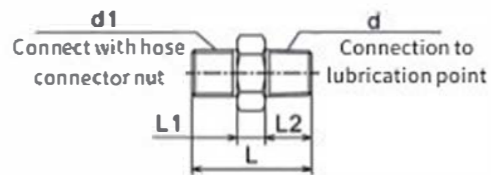
## KC type detachable joint outline dimensions



## Specifications and technical parameters

Model	Overall dimensions(mm)						Combined compound Rubber hose
	d	L1	L	S1	S2		
KC-6	G1/8	19	50	12	14	SG-9	
KC-8	G1/4	19	55	17	19	SG-12	

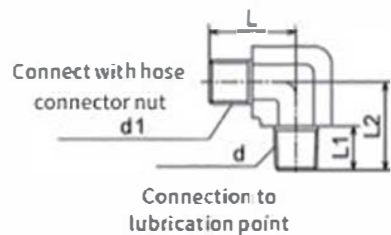
## KC type detachable matching special straight joint dimensions



## Specifications and technical parameters

Model	Overall dimensions(mm)				
	d	d1	L	L1	L2
RL6-S1	R1/8	G1/8	26	10	10
RL6-S2	NPT1/8				
RL6-S3	M10X1				
RL8-S1	R1/8	G1/4	28	12	10
RL8-S2	NPT1/8				

## KC type detachable rectangular joint with special dimensions



## Specifications and technical parameters

Model	Overall dimensions(mm)				
	d	d1	L	L1	L2
RL6-L1	R1/8	G1/8	21	10	19.5
RL6-L2	NPT1/8				
RL6-L3	M10X1			8	
RL8-L1	R1/8	G1/4	22	10	
RL8-L2	NPT1/8				

# Plug screw

Hexagon plug: Used for PJPQ, ZJPQ progressive distributor series  
And SSPQ-L, DSPQ-L dual-wire distributor

## Outlinedimensional drawing



## Specifications and technical parameters

Model	d	L	S
R1/8	R1/8	12	5
R1/4	R1/4	12	5.5
R3/8	R3/8	12	8

● Material: 35

Hex plug: VSN, SSPQ-P dual-wire distributor special

## Outline dimensional drawing

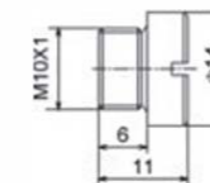


## Specifications and technical parameters

Model	d	D	L1	L	S
G1/4	G1/4	Φ19	12	15	5.5
G3/8	G3/8	Φ22	12	15	7.5

Straight plug: JPQA type distributor special

## Outlinedimensional drawing



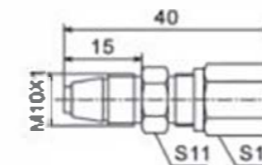
## Specifications and technical parameters

Model	Connecting thread
FYS	M10X1

● Material: 35

JPQA type distributor check valve connector

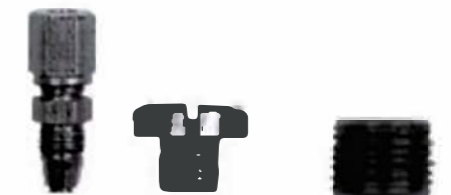
## Outlinedimensional drawing



## Specifications and technical parameters

Model	Outside diameter of pipe
FDJ-6	Φ6

● Material: 35



# Special fitting

Steel pipe fittings (generally used in progressive single or double line lubrication systems)

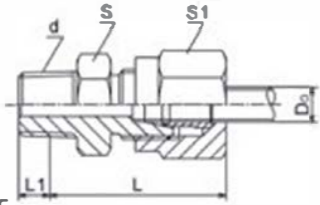
● The jacketed end straight pipe joint or the jacketed end right Angle pipe joint is composed of a joint body, a joint nut and a single cone sleeve type.

● In this sample, the NPT1/8 and R1/8 threads are equivalent to Z1/8 and ZG1/8 respectively.



## Outline dimensional drawing

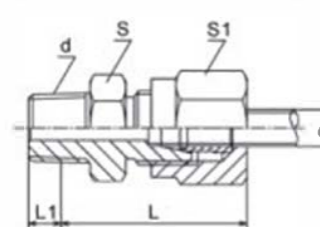
PJPQ series and ZJPQ series distributor inlet pipe fittings



● Material: 35

## Outline dimensional drawing

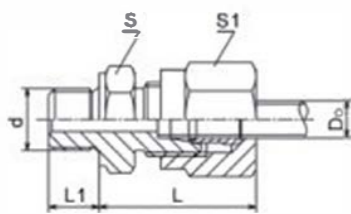
PJPQ series and ZJPQ series distributor outlet pipe fittings



● Material: 35

## Outline dimensional drawing

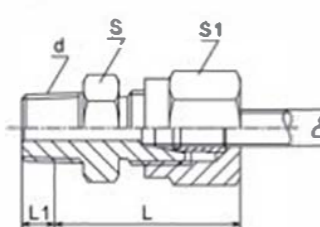
VSN, SSPQ-P series two-wire distributor inlet and outlet pipe fittings



● Material: 35

## Outline dimensional drawing

DSPQ-L, SSPQ-L series two-wire distributor inlet and outlet pipe fittings



● Material: 35

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)					Matching distributor Fuel inlet
		L1	L $\approx$	d	S	S1	
SJ-R6	$\Phi 6$	4.1	34	R1/8	13	16	PJPQ1/ZJPQ1
SJ-R8	$\Phi 8$	5.8	40	R1/4	16	18	PJPQ2/ZJPQ2
SJ-R10	$\Phi 10$	5.8	40	R1/4	18	21	PJPQ2/ZJPQ2
SJ-R12	$\Phi 12$	6.1	43	R3/8	21	24	PJPQ3/ZJPQ3
SJ-R14	$\Phi 14$	6.1	43	R3/8	21	24	PJPQ3/ZJPQ3

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)					Matching distributor Oil outlet
		L1	L $\approx$	d	S	S1	
SC-R6	$\Phi 4$	4.1	34	R1/8	12	12	PJPQ1/ZJPQ1
SC-R6	$\Phi 6$	4.1	34		12	12	
SC-R6A	$\Phi 6$	4.1	34		14	14	PJPQ2/ZJPQ2
SC-R8	$\Phi 8$	4.1	34		14	17	
SC-R8A	$\Phi 8$	5.8	40	16	18	PJPQ3/ZJPQ3	
SC-R10	$\Phi 10$	5.8	40	R1/4	18		21
SC-R12	$\Phi 12$	6.1	43	R1/4	21	24	

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions (mm)				
		L1	L $\approx$	d	S	S1
SZ-8	G1/4- $\Phi 8$	10	34	G1/4	18	18
SZ-10	G1/4-10					21
SZ-12	G1/4-12					24
SZ-14	G1/4-14					24
SZ-16	G1/4-16	27				
SZA-8	G3/8- $\Phi 8$	12	38	G3/8	21	18
SZA-10	G3/8-10					21
SZA-12	G3/8-12					24
SZA-14	G3/8-14					24
SZA-16	G3/8-16	27				

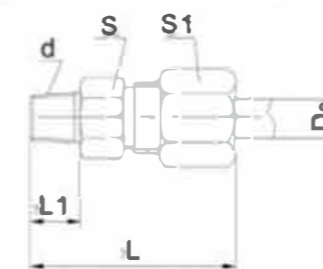
## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)				
		L1	L $\approx$	d	S	S1
SG-6	R1/8- $\Phi 6$	10	34	R1/4	16	16
SG-8	R1/8- $\Phi 8$					18
SG-10	R1/4-10					21
SG-12	R1/4-12					24
SG-14	R1/4-14	24				
SG-16	R1/4-16	27				
SGA-8	R3/8- $\Phi 8$	12	40	R3/8	18	18
SGA-10	R3/8-10					21
SGA-12	R3/8-12					24
SGA-14	R3/8-14					24
SGA-16	R3/8-16	27				

# Special pipe joint series

## Outline dimensional drawing

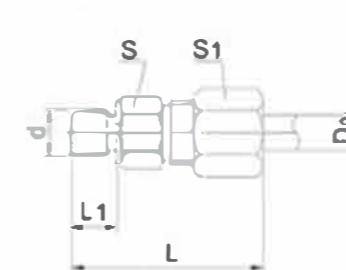
Pipe fitting with jacketed end through taper thread



● Material: 35

## Outline dimensional drawing

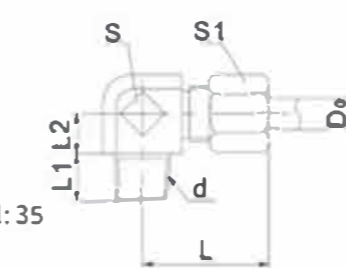
Jacketed end straight threaded pipe fittings



● Material: 35

## Outline dimensional drawing

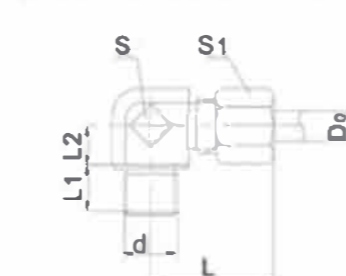
Pipe joint with straight Angle taper thread with jacketed end



● Material: 35

## Outline dimensional drawing

Ferrule end right Angle pipe thread fittings



● Material: 35

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)				
		L1	L $\approx$	d	S	S1
JRZ-6	$\Phi 6$	10	40	R1/8	13	16
JRZ-8	$\Phi 8$	12	45	R1/4	16	18
JRZ-10	$\Phi 10$					21
JRZ-12	$\Phi 12$					24
JRZ-14	$\Phi 14$					24
JRZ-16	$\Phi 16$	50	R3/8	16	27	

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)				
		L1	L $\approx$	d	S	S1
JRG-6	$\Phi 6$	8	40	G1/8	15	15
JRGA-6	$\Phi 6$	12	45	G1/4	19	15
JRGM-6	$\Phi 6$			M10X1	15	15
JRG-8	$\Phi 8$			G1/4	19	18
JRG-10	$\Phi 10$			21		
JRGM-10	$\Phi 10$	M14X1.5	19	21		
JRG-12	$\Phi 12$	50	G3/8	21	24	
JRG-14	$\Phi 14$				24	
JRG-16	$\Phi 16$				27	

## Specifications and technical parameters

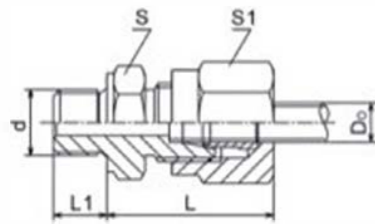
Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)				
		L1	L $\approx$	d	S	S1
ZRZ-6	$\Phi 6$	10	40	R1/8	13	16
ZRZ-8	$\Phi 8$	12	40	R1/4	16	18
ZRZ-10	$\Phi 10$					21
ZRZ-12	$\Phi 12$					24
ZRZ-14	$\Phi 14$					24
ZRZ-16	$\Phi 16$	50	R3/8	16	27	

## Specifications and technical parameters

Model	Outside diameter of pipe $D_o$	Overall dimensions(mm)				
		L1	L $\approx$	d	S	S1
ZRG-6	$\Phi 6$	8	30	G1/8	15	15
ZRGA-6	$\Phi 6$	12	35	G1/4	19	15
ZRGM-6	$\Phi 6$			M10X1	15	15
ZRG-8	$\Phi 8$			G1/4	19	18
ZRG-10	$\Phi 10$			21		
ZRGM-10	$\Phi 10$	M14X1.5	19	21		
ZRG-12	$\Phi 12$	40	G3/8	21	24	
ZRG-14	$\Phi 14$				24	
ZRG-16	$\Phi 16$				27	

Outline dimensional drawing

Jacketed end straight pipe fittings (GB/T 3733.1-1983)



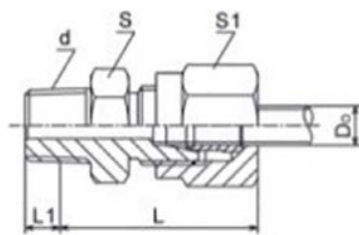
● Material: 35

Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)				
	L1	L≈	d	S	S1
Φ4	8	23	M10X1	15	15
Φ6	8	27	M10X1	15	16
Φ8	12	30	M12X1.5	16	18
Φ10	12	34	M14X1.5	18	21
Φ12	12	34	M16X1.5	21	24
Φ14	12	34	M18X1.5	24	24
Φ16	14	36	M22X1.5	27	27
Φ18	14	36	M22X1.5	27	30
Φ20	16	39	M27X2	34	34
Φ22	16	43	M27X2	34	36

Outline dimensional drawing

Jacketed end straight pipe fittings (JB/ZQ 401-2006)



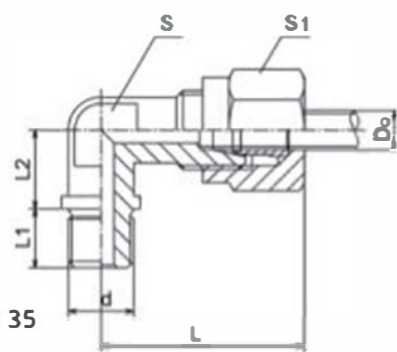
● Material: 35

Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)				
	L1	L≈	d	S	S1
Φ6	4.1	34	NPT1/8	13	16
Φ8	5.8	40	NPT1/4	16	18
Φ10	5.8	40		18	21
Φ12	6.1	43	NPT3/8	21	24
Φ14	6.1	43		21	24
Φ16	8.1	48	NPT1/2	27	27
Φ18	8.1	48		27	30
Φ20	8.6	51	NPT3/4	34	34
Φ22	8.6	55		34	36

Outline dimensional drawing

Jacketed end right Angle fittings (GB/T 3738.1-1983)



● Material: 35

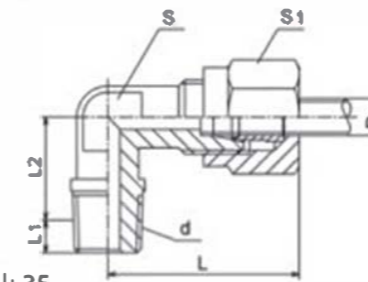
Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)					
	L1	L2	L≈	d	S	S1
Φ6	8	13	31	M10X1(G1/4)	10	16
Φ8	12	17.5	35	M12X1.5(G1/4)	11	18
Φ10	12	18.5	39	M14X1.5(G1/4)	15	21
Φ12	12	20	40	M16X1.5(G3/8)	15	24
Φ14	12	21	41	M18X1.5(G3/8)	18	24
Φ16	14	23	44	M18X1.5(G3/8)	21	27
Φ18	14	23	45	M22X1.5(G1/2)	21	30
Φ20	16	25.5	49	M27X2.5(G1/2)	24	34



Outline dimensional drawing

Ferrule Taper pipe Thread right Angle fitting (JB/ZQ 4403-1993)



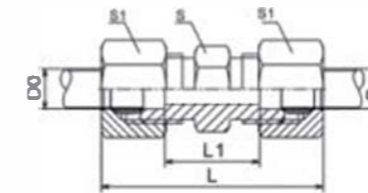
● Material: 35

Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)					
	L1	L2	L≈	d	S	S1
Φ6	4.1	13	24	R1/8	10	16
Φ8	5.8	17.5	35	R1/4	11	18
Φ10	5.8	18.5	39		15	21
Φ12	6.1	20	40	R3/8	15	24
Φ14	6.1	21	41		18	24
Φ16	8.1	23	44	R1/2	21	27
Φ18	8.1	23	45		21	30

Outline dimensional drawing

Bushing straight pipe joint (GB/T 3756.1-1983)



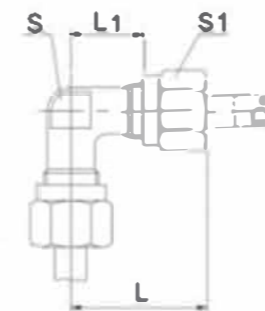
● Material: 35

Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)			
	L1	L≈	S	S1
Φ4	25	56	13	15
Φ6	30.4	65	13	16
Φ8	36	72	15	18
Φ10	38	78	18	21

Outline dimensional drawing

Sleeve tee fitting (GB/T 3740.1-1983)



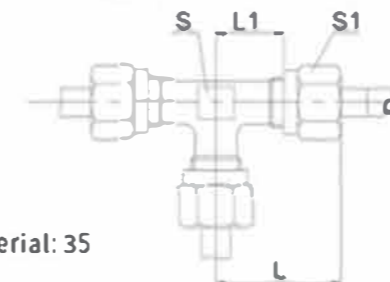
● Material: 35

Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)			
	L1	L≈	S	S1
Φ6	14	31	10	16
Φ8	16	39	11	18
Φ10	17	40	15	21
Φ12	19	42	15	24
Φ14	20	41	18	24
Φ16	22	41	21	27

Outline dimensional drawing

Sleeve tee fitting (GB/T 3745.1-1983)



● Material: 35

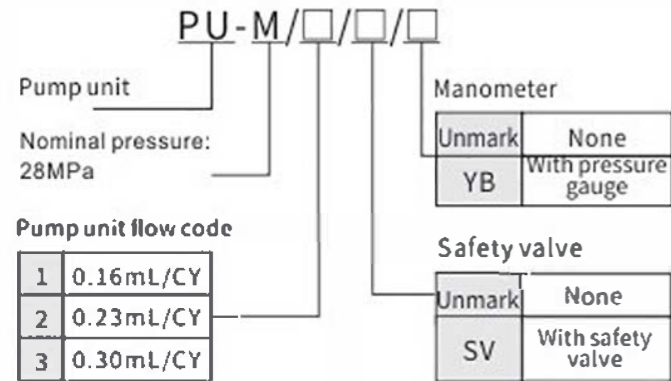
Specifications and technical parameters

Outside diameter of pipe Do	Overall dimensions(mm)			
	L1	L≈	S	S1
Φ6	14	31	10	16
Φ8	16	35	11	18
Φ10	18.5	39	15	21
Φ12	20	40	15	24
Φ14	21	41	18	24
Φ16	23	44	21	27

# Electric multipoint pump pump body unit

## PU series pump unit (LDB series electric pump kit)

### Type specification



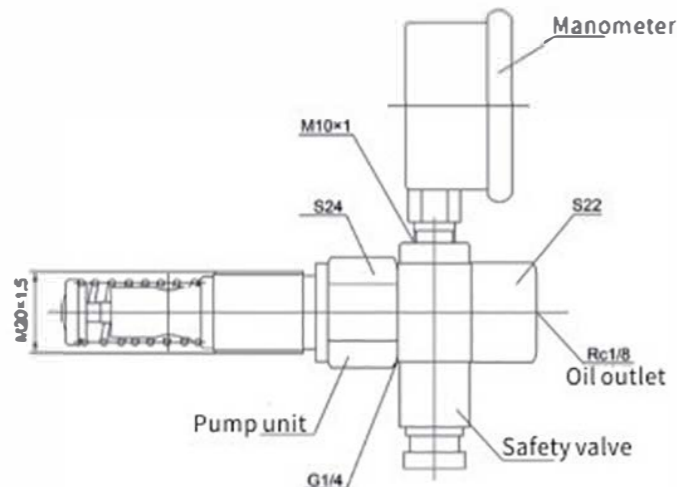
### Performance characteristics

- The PU series pump unit is specially designed for the LDB series of electric multi-point pumps unit.
- Its flow rate is 0.16, 0.23, 0.30mL/CY, and the three specifications can be selected arbitrarily.
- A check valve is provided to prevent the discharge of oil against the flow.
- A safety valve is provided to prevent the working pressure overload of the lubrication pump.
- Safety valve :SV working pressure is 28MPa.
- Pressure gauge :YB pressure gauge working pressure of 40MPa (Φ40 shockproof pressure gauge).

### Specifications and technical parameters

Model	Nominal pressure Mpa	Pump unit capacity mL/CY	Pump unit displacement and LDB series lubrication pump flow Compare LDB flow mL/min	Safety valve	Manometer	Applicable medium
PU-M/1/SV/YB	28	0.16	2.5mL/min, 5.0mL/min	have	have	000#-2# Lithium grease
PU-M/2/SV/YB		0.23	3.5mL/min, 7.0mL/min			
PU-M/3/SV/YB		0.30	4.5mL/min, 9.0mL/min			

### Overall dimension



meso lube

