

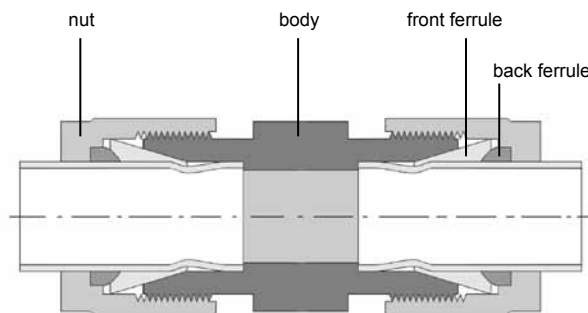
## LET-LOK® type connectors

### Description and application

LET-LOK® connectors for pipes are designed mainly for chemical, petrochemical, pharmaceutical and power industry, nuclear power plants and process engineering. Designed to work under high pressure, vacuum, vibration, high temperatures, and where high leak tightness of connections is required. Made in accordance with an industrial specification for two O-ring connectors in the highest quality applications. To meet all production requirements, fully automatic machining centres are utilized to make products which undergo 100% quality control at different stages of production process.

LET-LOK® connectors are available as couplings (to connect several pipes) and connectors (to join pipes with fittings with male or female thread).

### Structure of LET-LOK® fitting



The mechanism of a coupling causes gripping and sealing of connection on the cone of the body and front ferrule. The pipe deforms and the seal is made only by metal parts which allows to get the maximum working temperature of about 650°C, both for high pressure and vacuum. Such connection provides perfect leak tightness without unnecessary stress.

### Basic advantages of LET-LOK® connectors

- A wide range of pipe diameters, from 2 up to 50 mm and from 1/16" up to 2".
- Maintains high leak tightness of the connection even after repeated assembly.
- Very high leak tightness in high pressure and temperature conditions, vacuum, vibration and rapid changes of pressure.
- Made in 4 material versions: stainless steel AISI 316, brass, Monel 400 alloy and Hastelloy C-276.
- To facilitate identification, each connector is marked with a material name it is made of and with pipe outside diameter.
- Connectors are assembled using a regular spanner which lowers the costs of installation and service.

### The pipes used with LET-LOK® connectors

In order to ensure maximum reliability, durability and safety of the connection, special attention should be given to the matching of a pipe to an application. The pipes made of AISI 304 or AISI 316 stainless steel in connection with stainless steel LET-LOK® connectors can be used in the widest range of applications. The pipes should be made in accordance with the requirements of ASTM A213, ASTM A269 standards or equivalent.

When choosing the pipe, notice the following:

- The pipe surface should be smooth without scratches, clean from dirt.
- The pipe must not be flattened or oval. It can damage the connector and cause leakage.
- The pipe should be annealed and made of material which is softer than the material of the connector (90 HRB or lower).
- The thickness of the wall must be adapted to the working pressure in the installation.

Copper pipes can be also used but in connection with brass LET-LOK® fittings (contact TUBES INTERNATIONAL® Sales or Technical Department).

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

O.D. [inch]	maximum working pressure [bar] for seamless stainless steel pipes - imperial															
	wall thickness [inch]															
	0.010	0.012	0.014	0.016	0.020	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.156	0.188
1/16	386	473	572	666	846											
1/8						600*	770									
3/16						379*	490	724								
1/4						283*	359	524	724							
5/16							283*	407	559							
3/8							235*	334	451							
1/2							173	258*	355	465						
5/8								203	279*	361	417					
3/4								168	230*	292	341	403				
7/8								141	196	241*	290	334				
1									165	214*	248	290	324			
1.1/4										165	193*	227	248	283	338	
1.1/2											159	186	207*	234	276	338
2												138	152	172	200*	249

O.D. [mm]	maximum working pressure [bar] for seamless stainless steel pipes - metric															
	wall thickness [mm]															
	0.8	1.0	1.2	1.5	1.8	2.0	2.2	2.5	2.8	3.0	3.5	4.0	4.5	5.0		
3	670*															
6	310*	420	540	710												
8		310*	390	520												
10		240*	300	400	510	580										
12		200*	250	330	410	470										
14		160	200*	270	340	380	430									
15		150	190	250	310	360	400									
16			170	230*	290	330	370	400								
18			150	200*	260	290	320	370								
20			140	180	230*	260	290	330	380							
22			120	160	200	230*	260	300	340							
25					180	200	230*	260	290	320						
38							140	190	190	200*	240	270	310			
50										150	180	210	240*	270		

\* - recommended minimum pipe wall thickness for gases

Working pressure correction factor for stainless steel pipes depending on temperature:


temperature [°C]	93	204	316	427	538	649
coefficient [AISI 316]	1	0.96	0.85	0.79	0.76	0.37


The allowable working pressure of LET-LOK® connectors is defined by the lower of two values: the maximum working pressure of pipes with certain outside diameter at a given temperature and (for connectors with thread) maximum working pressure for certain size and type of threaded connection according to the table below:

thread size [inch]	maximum working pressure [bar] for connectors with NPT and BSP(T) threads			
	AISI 316		brass	
	male thread	female thread	male thread	female thread
1/16	759	462	379	228
1/8	690	448	345	221
1/4	552	455	276	228
3/8	538	366	269	179
1/2	531	338	262	165
3/4	503	317	248	159
1	366	303	179	152
1.1/4	414	345	207	172
1.1/2	345	317	172	159
2	269	269	131	131


# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Metric ferrules		
		
		<b>M760L...</b>
code		pipe O.D. [mm]
back ferrule	front ferrule	
HM-LM760LB-02-SS	HM-LM760LF-02-SS	2
HM-LM760LB-03-SS	HM-LM760LF-03-SS	3
HM-LM760LB-04-SS	HM-LM760LF-04-SS	4
HM-LM760LB-06-SS	HM-LM760LF-06-SS	6
HM-LM760LB-08-SS	HM-LM760LF-08-SS	8
HM-LM760LB-10-SS	HM-LM760LF-10-SS	10
HM-LM760LB-12-SS	HM-LM760LF-12-SS	12
HM-LM760LB-14-SS	HM-LM760LF-14-SS	14
HM-LM760LB-15-SS	HM-LM760LF-15-SS	15
HM-LM760LB-16-SS	HM-LM760LF-16-SS	16
HM-LM760LB-18-SS	HM-LM760LF-18-SS	18
HM-LM760LB-20-SS	HM-LM760LF-20-SS	20
HM-LM760LB-22-SS	HM-LM760LF-22-SS	22
HM-LM760LB-25-SS	HM-LM760LF-25-SS	25
HM-LM760LB-38-SS	HM-LM760LF-38-SS	38
HM-LM760LB-50-SS	HM-LM760LF-50-SS	50

Imperial ferrules		
		
		<b>C760L...</b>
code		pipe O.D. [inch]
back ferrule	front ferrule	
HM-LC760LB-01-SS	HM-LC760LF-01-SS	1/16
HM-LC760LB-02-SS	HM-LC760LF-02-SS	1/8
HM-LC760LB-03-SS	HM-LC760LF-03-SS	3/16
HM-LC760LB-04-SS	HM-LC760LF-04-SS	1/4
HM-LC760LB-05-SS	HM-LC760LF-05-SS	5/16
HM-LC760LB-06-SS	HM-LC760LF-06-SS	3/8
HM-LC760LB-08-SS	HM-LC760LF-08-SS	1/2
HM-LC760LB-10-SS	HM-LC760LF-10-SS	5/8
HM-LC760LB-12-SS	HM-LC760LF-12-SS	3/4
HM-LC760LB-14-SS	HM-LC760LF-14-SS	7/8
HM-LC760LB-16-SS	HM-LC760LF-16-SS	1
HM-LC760LB-20-SS	HM-LC760LF-20-SS	1.1/4
HM-LC760LB-24-SS	HM-LC760LF-24-SS	1.1/2
HM-LC760LB-32-SS	HM-LC760LF-32-SS	2


Metric sets		
		
		<b>M760L...S</b>
code (front + back) 10 pcs	code (front + back + nut) 5 pcs	pipe O.D. [mm]
HM-LM760LS-02-SS	HM-LM760LNS-02-SS	2
HM-LM760LS-03-SS	HM-LM760LNS-03-SS	3
HM-LM760LS-04-SS	HM-LM760LNS-04-SS	4
HM-LM760LS-06-SS	HM-LM760LNS-06-SS	6
HM-LM760LS-08-SS	HM-LM760LNS-08-SS	8
HM-LM760LS-10-SS	HM-LM760LNS-10-SS	10
HM-LM760LS-12-SS	HM-LM760LNS-12-SS	12
HM-LM760LS-14-SS	HM-LM760LNS-14-SS	14
HM-LM760LS-15-SS	HM-LM760LNS-15-SS	15
HM-LM760LS-16-SS	HM-LM760LNS-16-SS	16
HM-LM760LS-18-SS	HM-LM760LNS-18-SS	18
HM-LM760LS-20-SS	HM-LM760LNS-20-SS	20
HM-LM760LS-22-SS	HM-LM760LNS-22-SS	22
HM-LM760LS-25-SS	HM-LM760LNS-25-SS	25


Imperial sets		
		
		<b>C760L...S</b>
code (front + back) 10 pcs	code (front + back + nut) 5 pcs	pipe O.D. [inch]
HM-LC760LS-02-SS	HM-LC760LNS-02-SS	1/8
HM-LC760LS-03-SS	HM-LC760LNS-03-SS	3/16
HM-LC760LS-04-SS	HM-LC760LNS-04-SS	1/4
HM-LC760LS-05-SS	HM-LC760LNS-05-SS	5/16
HM-LC760LS-06-SS	HM-LC760LNS-06-SS	3/8
HM-LC760LS-08-SS	HM-LC760LNS-08-SS	1/2
HM-LC760LS-10-SS	HM-LC760LNS-10-SS	5/8
HM-LC760LS-12-SS	HM-LC760LNS-12-SS	3/4
HM-LC760LS-14-SS	HM-LC760LNS-14-SS	7/8
HM-LC760LS-16-SS	HM-LC760LNS-16-SS	1


# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Nut for metric pipe		
		
<b>M761L</b>		
code	pipe O.D. [mm]	spanner size [mm]
HM-LM761L-02-SS	2	12
HM-LM761L-03-SS	3	12
HM-LM761L-04-SS	4	12
HM-LM761L-06-SS	6	14
HM-LM761L-08-SS	8	16
HM-LM761L-10-SS	10	19
HM-LM761L-12-SS	12	22
HM-LM761L-14-SS	14	25
HM-LM761L-15-SS	15	25
HM-LM761L-16-SS	16	25
HM-LM761L-18-SS	18	30
HM-LM761L-20-SS	20	32
HM-LM761L-22-SS	22	32
HM-LM761L-25-SS	25	38
HM-LM761L-38-SS	38	60
HM-LM761L-50-SS	50	3 cale

Nut for imperial pipe		
		
<b>C761L</b>		
code	pipe O.D. [inch]	spanner size [inch]
HM-LC761L-01-SS	1/16	5/16
HM-LC761L-02-SS	1/8	7/16
HM-LC761L-03-SS	3/16	1/2
HM-LC761L-04-SS	1/4	9/16
HM-LC761L-05-SS	5/16	5/8
HM-LC761L-06-SS	3/8	11/16
HM-LC761L-08-SS	1/2	7/8
HM-LC761L-10-SS	5/8	1
HM-LC761L-12-SS	3/4	1.1/8
HM-LC761L-14-SS	7/8	1.1/4
HM-LC761L-16-SS	1	1.1/2
HM-LC761L-20-SS	1.1/4	1.7/8
HM-LC761L-24-SS	1.1/2	2.1/4
HM-LC761L-32-SS	2	3

Metric tube insert		
		
<b>M760LI</b>		
code	pipe O.D. [mm]	pipe I.D. [mm]
HM-LM760LI-06-04-SS	6	4
HM-LM760LI-08-06-SS	8	6
HM-LM760LI-10-08-SS	10	8
HM-LM760LI-12-08-SS	12	8
HM-LM760LI-12-10-SS	12	10

Imperial tube insert		
		
<b>C760LI</b>		
code	pipe O.D. [inch]	pipe I.D. [inch]
HM-LC760LI-03-02-SS	3/16	1/8
HM-LC760LI-04-02-SS	1/4	1/8
HM-LC760LI-04-03-SS	1/4	3/16
HM-LC760LI-05-02-SS	5/16	1/8
HM-LC760LI-05-03-SS	5/16	3/16
HM-LC760LI-05-04-SS	5/16	1/4
HM-LC760LI-06-03-SS	3/8	3/16
HM-LC760LI-06-04-SS	3/8	1/4
HM-LC760LI-08-04-SS	1/2	1/4
HM-LC760LI-08-06-SS	1/2	3/8
HM-LC760LI-10-06-SS	5/8	3/8
HM-LC760LI-10-08-SS	5/8	1/2
HM-LC760LI-12-08-SS	3/4	1/2
HM-LC760LI-12-10-SS	3/4	5/8
HM-LC760LI-16-12-SS	1	3/4


# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Straight union for metric pipes		
		
<b>M762L</b>		
code	pipe O.D. [mm]	
HM-LM762L-02-SS	2	
HM-LM762L-03-SS	3	
HM-LM762L-04-SS	4	
HM-LM762L-06-SS	6	
HM-LM762L-08-SS	8	
HM-LM762L-10-SS	10	
HM-LM762L-12-SS	12	
HM-LM762L-14-SS	14	
HM-LM762L-15-SS	15	
HM-LM762L-16-SS	16	
HM-LM762L-18-SS	18	
HM-LM762L-20-SS	20	
HM-LM762L-22-SS	22	
HM-LM762L-25-SS	25	
HM-LM762L-38-SS	38	
HM-LM762L-50-SS	50	

Straight union for imperial pipes		
		
<b>C762L</b>		
code	pipe O.D. [inch]	
HM-LC762L-01-SS	1/16	
HM-LC762L-02-SS	1/8	
HM-LC762L-03-SS	3/16	
HM-LC762L-04-SS	1/4	
HM-LC762L-05-SS	5/16	
HM-LC762L-06-SS	3/8	
HM-LC762L-08-SS	1/2	
HM-LC762L-10-SS	5/8	
HM-LC762L-12-SS	3/4	
HM-LC762L-14-SS	7/8	
HM-LC762L-16-SS	1	
HM-LC762L-20-SS	1.1/4	
HM-LC762L-24-SS	1.1/2	
HM-LC762L-32-SS	2	


Straight reducing union for metric pipes			
			
<b>M763L</b>			
code	pipe O.D. [mm]	pipe O.D. [mm]	
HM-LM763L-03-02-SS	3	2	
HM-LM763L-06-02-SS	6	2	
HM-LM763L-06-03-SS	6	3	
HM-LM763L-06-04-SS	6	4	
HM-LM763L-08-06-SS	8	6	
HM-LM763L-10-06-SS	10	6	
HM-LM763L-10-08-SS	10	8	
HM-LM763L-12-06-SS	12	6	
HM-LM763L-12-08-SS	12	8	
HM-LM763L-12-10-SS	12	10	
HM-LM763L-16-10-SS	16	10	
HM-LM763L-16-12-SS	16	12	
HM-LM763L-18-12-SS	18	12	
HM-LM763L-25-12-SS	25	12	
HM-LM763L-25-20-SS	25	20	
HM-LM763L-38-20-SS	38	20	
HM-LM763L-38-25-SS	38	25	

Straight reducing union for imperial pipes			
			
<b>C763L</b>			
code	pipe O.D. [inch]	pipe O.D. [inch]	
HM-LC763L-02-01-SS	1/8	1/16	
HM-LC763L-03-01-SS	3/16	1/16	
HM-LC763L-03-02-SS	3/16	1/8	
HM-LC763L-04-01-SS	1/4	1/16	
HM-LC763L-04-02-SS	1/4	1/8	
HM-LC763L-04-03-SS	1/4	3/16	
HM-LC763L-05-02-SS	5/16	1/8	
HM-LC763L-05-04-SS	5/16	1/4	
HM-LC763L-06-01-SS	3/8	1/16	
HM-LC763L-06-02-SS	3/8	1/8	
HM-LC763L-06-04-SS	3/8	1/4	
HM-LC763L-06-05-SS	3/8	5/16	
HM-LC763L-08-02-SS	1/2	1/8	
HM-LC763L-08-04-SS	1/2	1/4	
HM-LC763L-08-06-SS	1/2	3/8	
HM-LC763L-10-06-SS	5/8	3/8	
HM-LC763L-10-08-SS	5/8	1/2	
HM-LC763L-12-04-SS	3/4	1/4	
HM-LC763L-12-06-SS	3/4	3/8	
HM-LC763L-12-08-SS	3/4	1/2	
HM-LC763L-12-10-SS	3/4	5/8	
HM-LC763L-16-08-SS	1	1/2	
HM-LC763L-16-12-SS	1	3/4	


# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Tee for metric pipes	
	
<b>M764L</b>	
code	pipe O.D. [mm]
HM-LM764L-02-SS	2
HM-LM764L-03-SS	3
HM-LM764L-04-SS	4
HM-LM764L-06-SS	6
HM-LM764L-08-SS	8
HM-LM764L-10-SS	10
HM-LM764L-12-SS	12
HM-LM764L-14-SS	14
HM-LM764L-15-SS	15
HM-LM764L-16-SS	16
HM-LM764L-18-SS	18
HM-LM764L-20-SS	20
HM-LM764L-22-SS	22
HM-LM764L-25-SS	25
HM-LM764L-38-SS	38
HM-LM764L-50-SS	50


Tee for imperial pipes	
	
<b>C764L</b>	
code	pipe O.D. [inch]
HM-LC764L-01-SS	1/16
HM-LC764L-02-SS	1/8
HM-LC764L-03-SS	3/16
HM-LC764L-04-SS	1/4
HM-LC764L-05-SS	5/16
HM-LC764L-06-SS	3/8
HM-LC764L-08-SS	1/2
HM-LC764L-10-SS	5/8
HM-LC764L-12-SS	3/4
HM-LC764L-14-SS	7/8
HM-LC764L-16-SS	1
HM-LC764L-20-SS	1.1/4
HM-LC764L-24-SS	1.1/2
HM-LC764L-32-SS	2


90° elbow for metric pipes	
	
<b>M765L</b>	
code	pipe O.D. [mm]
HM-LM765L-02-SS	2
HM-LM765L-03-SS	3
HM-LM765L-04-SS	4
HM-LM765L-06-SS	6
HM-LM765L-08-SS	8
HM-LM765L-10-SS	10
HM-LM765L-12-SS	12
HM-LM765L-14-SS	14
HM-LM765L-15-SS	15
HM-LM765L-16-SS	16
HM-LM765L-18-SS	18
HM-LM765L-20-SS	20
HM-LM765L-22-SS	22
HM-LM765L-25-SS	25
HM-LM765L-38-SS	38
HM-LM765L-50-SS	50

90° elbow for imperial pipes	
	
<b>C765L</b>	
code	pipe O.D. [inch]
HM-LC765L-01-SS	1/16
HM-LC765L-02-SS	1/8
HM-LC765L-03-SS	3/16
HM-LC765L-04-SS	1/4
HM-LC765L-05-SS	5/16
HM-LC765L-06-SS	3/8
HM-LC765L-08-SS	1/2
HM-LC765L-10-SS	5/8
HM-LC765L-12-SS	3/4
HM-LC765L-14-SS	7/8
HM-LC765L-16-SS	1
HM-LC765L-20-SS	1.1/4
HM-LC765L-24-SS	1.1/2
HM-LC765L-32-SS	2

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Straight metric pipe union with NPT female thread		
		
<b>M766L</b>		
code	pipe O.D. [mm]	thread size [inch]
HM-LM766L-03-02-SS	3	1/8
HM-LM766L-03-04-SS	3	1/4
HM-LM766L-04-02-SS	4	1/8
HM-LM766L-06-02-SS	6	1/8
HM-LM766L-06-04-SS	6	1/4
HM-LM766L-06-06-SS	6	3/8
HM-LM766L-06-08-SS	6	1/2
HM-LM766L-08-02-SS	8	1/8
HM-LM766L-08-04-SS	8	1/4
HM-LM766L-08-06-SS	8	3/8
HM-LM766L-08-08-SS	8	1/2
HM-LM766L-10-04-SS	10	1/4
HM-LM766L-10-06-SS	10	3/8
HM-LM766L-10-08-SS	10	1/2
HM-LM766L-12-04-SS	12	1/4
HM-LM766L-12-06-SS	12	3/8
HM-LM766L-12-08-SS	12	1/2
HM-LM766L-15-08-SS	15	1/2
HM-LM766L-16-08-SS	16	1/2
HM-LM766L-20-08-SS	20	1/2
HM-LM766L-20-12-SS	20	3/4
HM-LM766L-22-12-SS	22	3/4
HM-LM766L-22-16-SS	22	1
HM-LM766L-25-12-SS	25	3/4
HM-LM766L-25-16-SS	25	1

Straight imperial pipe union with NPT female thread		
		
<b>C766L</b>		
code	pipe O.D. [inch]	thread size [inch]
HM-LC766L-01-01-SS	1/16	1/16
HM-LC766L-01-02-SS	1/16	1/8
HM-LC766L-02-02-SS	1/8	1/8
HM-LC766L-02-04-SS	1/8	1/4
HM-LC766L-03-02-SS	3/16	1/8
HM-LC766L-04-02-SS	1/4	1/8
HM-LC766L-04-04-SS	1/4	1/4
HM-LC766L-04-06-SS	1/4	3/8
HM-LC766L-04-08-SS	1/4	1/2
HM-LC766L-05-02-SS	5/16	1/8
HM-LC766L-05-04-SS	5/16	1/4
HM-LC766L-06-02-SS	3/8	1/8
HM-LC766L-06-04-SS	3/8	1/4
HM-LC766L-06-06-SS	3/8	3/8
HM-LC766L-06-08-SS	3/8	1/2
HM-LC766L-06-12-SS	3/8	3/4
HM-LC766L-08-04-SS	1/2	1/4
HM-LC766L-08-06-SS	1/2	3/8
HM-LC766L-08-08-SS	1/2	1/2
HM-LC766L-08-12-SS	1/2	3/4
HM-LC766L-10-06-SS	5/8	3/8
HM-LC766L-10-08-SS	5/8	1/2
HM-LC766L-10-12-SS	5/8	3/4
HM-LC766L-12-08-SS	3/4	1/2
HM-LC766L-12-12-SS	3/4	3/4
HM-LC766L-14-12-SS	7/8	3/4
HM-LC766L-16-12-SS	1	3/4
HM-LC766L-16-16-SS	1	1
HM-LC766L-20-20-SS	1.1/4	1.1/4
HM-LC766L-24-24-SS	1.1/2	1.1/2
HM-LC766L-32-32-SS	2	2

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Straight metric pipe connector with NPT male thread



**M768L**

code	pipe O.D. [mm]	thread size [inch]
HM-LM768L-02-02-SS	2	1/8
HM-LM768L-03-02-SS	3	1/8
HM-LM768L-03-04-SS	3	1/4
HM-LM768L-04-02-SS	4	1/8
HM-LM768L-04-04-SS	4	1/4
HM-LM768L-06-02-SS	6	1/8
HM-LM768L-06-04-SS	6	1/4
HM-LM768L-06-06-SS	6	3/8
HM-LM768L-06-08-SS	6	1/2
HM-LM768L-08-02-SS	8	1/8
HM-LM768L-08-04-SS	8	1/4
HM-LM768L-08-06-SS	8	3/8
HM-LM768L-08-08-SS	8	1/2
HM-LM768L-10-02-SS	10	1/8
HM-LM768L-10-04-SS	10	1/4
HM-LM768L-10-06-SS	10	3/8
HM-LM768L-10-08-SS	10	1/2
HM-LM768L-10-12-SS	10	3/4
HM-LM768L-12-02-SS	12	1/8
HM-LM768L-12-04-SS	12	1/4
HM-LM768L-12-06-SS	12	3/8
HM-LM768L-12-08-SS	12	1/2
HM-LM768L-12-12-SS	12	3/4
HM-LM768L-14-04-SS	14	1/4
HM-LM768L-14-06-SS	14	3/8
HM-LM768L-14-08-SS	14	1/2
HM-LM768L-15-08-SS	15	1/2
HM-LM768L-16-06-SS	16	3/8
HM-LM768L-16-08-SS	16	1/2
HM-LM768L-16-12-SS	16	3/4
HM-LM768L-18-08-SS	18	1/2
HM-LM768L-18-12-SS	18	3/4
HM-LM768L-20-08-SS	20	1/2
HM-LM768L-20-12-SS	20	3/4
HM-LM768L-22-12-SS	22	3/4
HM-LM768L-22-16-SS	22	1
HM-LM768L-25-08-SS	25	1/2
HM-LM768L-25-12-SS	25	3/4
HM-LM768L-25-16-SS	25	1
HM-LM768L-38-24-SS	38	1.1/2
HM-LM768L-50-32-SS	50	2

Straight imperial pipe connector with NPT male thread




**C768L**


code	pipe O.D. [inch]	thread size [inch]
HM-LC768L-01-01-SS	1/16	1/16
HM-LC768L-01-02-SS	1/16	1/8
HM-LC768L-01-04-SS	1/16	1/4
HM-LC768L-02-01-SS	1/8	1/16
HM-LC768L-02-02-SS	1/8	1/8
HM-LC768L-02-04-SS	1/8	1/4
HM-LC768L-02-06-SS	1/8	3/8
HM-LC768L-02-08-SS	1/8	1/2
HM-LC768L-03-02-SS	3/16	1/8
HM-LC768L-03-04-SS	3/16	1/4
HM-LC768L-04-01-SS	1/4	1/16
HM-LC768L-04-02-SS	1/4	1/8
HM-LC768L-04-04-SS	1/4	1/4
HM-LC768L-04-06-SS	1/4	3/8
HM-LC768L-04-08-SS	1/4	1/2
HM-LC768L-04-12-SS	1/4	3/4
HM-LC768L-05-02-SS	5/16	1/8
HM-LC768L-05-04-SS	5/16	1/4
HM-LC768L-05-06-SS	5/16	3/8
HM-LC768L-06-02-SS	3/8	1/8
HM-LC768L-06-04-SS	3/8	1/4
HM-LC768L-06-06-SS	3/8	3/8
HM-LC768L-06-08-SS	3/8	1/2
HM-LC768L-06-12-SS	3/8	3/4
HM-LC768L-06-16-SS	3/8	1
HM-LC768L-08-02-SS	1/2	1/8
HM-LC768L-08-04-SS	1/2	1/4
HM-LC768L-08-06-SS	1/2	3/8
HM-LC768L-08-08-SS	1/2	1/2
HM-LC768L-08-12-SS	1/2	3/4
HM-LC768L-08-12-SS	1/2	1
HM-LC768L-10-04-SS	5/8	1/4
HM-LC768L-10-06-SS	5/8	3/8
HM-LC768L-10-08-SS	5/8	1/2
HM-LC768L-10-12-SS	5/8	3/4
HM-LC768L-12-06-SS	3/4	3/8
HM-LC768L-12-08-SS	3/4	1/2
HM-LC768L-12-12-SS	3/4	3/4
HM-LC768L-12-16-SS	3/4	1
HM-LC768L-14-08-SS	7/8	1/2
HM-LC768L-14-12-SS	7/8	3/4
HM-LC768L-14-16-SS	7/8	1
HM-LC768L-16-08-SS	1	1/2
HM-LC768L-16-12-SS	1	3/4
HM-LC768L-16-16-SS	1	1
HM-LC768L-20-16-SS	1.1/4	1
HM-LC768L-20-20-SS	1.1/4	1.1/4
HM-LC768L-24-24-SS	1.1/2	1.1/2
HM-LC768L-32-32-SS	2	2



# INSTRUMENTATION - connectors

## LET-LOK® type connectors

90° metric pipe elbow with NPT male thread		
		
<b>M769L</b>		
code	pipe O.D. [mm]	thread size [inch]
HM-LM769L-03-02-SS	3	1/8
HM-LM769L-03-04-SS	3	1/4
HM-LM769L-04-02-SS	4	1/8
HM-LM769L-04-04-SS	4	1/4
HM-LM769L-06-02-SS	6	1/8
HM-LM769L-06-04-SS	6	1/4
HM-LM769L-06-06-SS	6	3/8
HM-LM769L-06-08-SS	6	1/2
HM-LM769L-08-02-SS	8	1/8
HM-LM769L-08-04-SS	8	1/4
HM-LM769L-08-06-SS	8	3/8
HM-LM769L-08-08-SS	8	1/2
HM-LM769L-10-02-SS	10	1/8
HM-LM769L-10-04-SS	10	1/4
HM-LM769L-10-06-SS	10	3/8
HM-LM769L-10-08-SS	10	1/2
HM-LM769L-12-02-SS	12	1/8
HM-LM769L-12-04-SS	12	1/4
HM-LM769L-12-06-SS	12	3/8
HM-LM769L-12-08-SS	12	1/2
HM-LM769L-12-12-SS	12	3/4
HM-LM769L-15-08-SS	15	1/2
HM-LM769L-16-06-SS	16	3/8
HM-LM769L-16-08-SS	16	1/2
HM-LM769L-16-12-SS	16	3/4
HM-LM769L-18-08-SS	18	1/2
HM-LM769L-18-12-SS	18	3/4
HM-LM769L-20-08-SS	20	1/2
HM-LM769L-20-12-SS	20	3/4
HM-LM769L-22-12-SS	22	3/4
HM-LM769L-22-16-SS	22	1
HM-LM769L-25-08-SS	25	1/2
HM-LM769L-25-12-SS	25	3/4
HM-LM769L-25-16-SS	25	1
HM-LM769L-38-24-SS	38	1.1/2

90° imperial pipe elbow with NPT male thread		
		
<b>C769L</b>		
code	pipe O.D. [inch]	thread size [inch]
HM-LC769L-01-01-SS	1/16	1/16
HM-LC769L-01-02-SS	1/16	1/8
HM-LC769L-02-01-SS	1/8	1/16
HM-LC769L-02-02-SS	1/8	1/8
HM-LC769L-02-04-SS	1/8	1/4
HM-LC769L-03-02-SS	3/16	1/8
HM-LC769L-03-04-SS	3/16	1/4
HM-LC769L-04-01-SS	1/4	1/16
HM-LC769L-04-02-SS	1/4	1/8
HM-LC769L-04-04-SS	1/4	1/4
HM-LC769L-04-06-SS	1/4	3/8
HM-LC769L-04-08-SS	1/4	1/2
HM-LC769L-05-02-SS	5/16	1/8
HM-LC769L-05-04-SS	5/16	1/4
HM-LC769L-05-06-SS	5/16	3/8
HM-LC769L-06-02-SS	3/8	1/8
HM-LC769L-06-04-SS	3/8	1/4
HM-LC769L-06-06-SS	3/8	3/8
HM-LC769L-06-08-SS	3/8	1/2
HM-LC769L-06-12-SS	3/8	3/4
HM-LC769L-08-04-SS	1/2	1/4
HM-LC769L-08-06-SS	1/2	3/8
HM-LC769L-08-08-SS	1/2	1/2
HM-LC769L-08-12-SS	1/2	3/4
HM-LC769L-10-06-SS	5/8	3/8
HM-LC769L-10-08-SS	5/8	1/2
HM-LC769L-10-12-SS	5/8	3/4
HM-LC769L-12-08-SS	3/4	1/2
HM-LC769L-12-12-SS	3/4	3/4
HM-LC769L-14-12-SS	7/8	3/4
HM-LC769L-16-12-SS	1	3/4
HM-LC769L-16-16-SS	1	1
HM-LC769L-20-20-SS	1.1/4	1.1/4
HM-LC769L-24-24-SS	1.1/2	1.1/2
HM-LC769L-32-32-SS	2	2

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Metric pipe tee with NPT male thread



**M772L**

code	pipe O.D. [mm]	thread size [inch]
HM-LM772L-06-02-SS	6	1/8
HM-LM772L-06-04-SS	6	1/4
HM-LM772L-08-02-SS	8	1/8
HM-LM772L-08-04-SS	8	1/4
HM-LM772L-10-04-SS	10	1/4
HM-LM772L-12-04-SS	12	1/4
HM-LM772L-12-06-SS	12	3/8
HM-LM772L-12-08-SS	12	1/2
HM-LM772L-16-08-SS	16	1/2

Imperial pipe tee with NPT male thread



**C772L**

code	pipe O.D. [inch]	thread size [inch]
HM-LC772L-02-02-SS	1/8	1/8
HM-LC772L-02-04-SS	1/8	1/4
HM-LC772L-03-02-SS	3/16	1/8
HM-LC772L-04-02-SS	1/4	1/8
HM-LC772L-04-04-SS	1/4	1/4
HM-LC772L-05-02-SS	5/16	1/8
HM-LC772L-06-04-SS	3/8	1/4
HM-LC772L-06-06-SS	3/8	3/8
HM-LC772L-08-06-SS	1/2	3/8
HM-LC772L-08-08-SS	1/2	1/2
HM-LC772L-10-08-SS	5/8	1/2
HM-LC772L-12-12-SS	3/4	3/4

Straight bulkhead connector for metric pipes



**M774L**

code	pipe O.D. [mm]
HM-LM774L-03-SS	3
HM-LM774L-04-SS	4
HM-LM774L-06-SS	6
HM-LM774L-08-SS	8
HM-LM774L-10-SS	10
HM-LM774L-12-SS	12
HM-LM774L-14-SS	14
HM-LM774L-15-SS	15
HM-LM774L-16-SS	16
HM-LM774L-18-SS	18
HM-LM774L-20-SS	20
HM-LM774L-25-SS	25
HM-LM774L-38-SS	38

Straight bulkhead connector for imperial pipes





**C774L**

code	pipe O.D. [inch]
HM-LC774L-01-SS	1/16
HM-LC774L-02-SS	1/8
HM-LC774L-03-SS	3/16
HM-LC774L-04-SS	1/4
HM-LC774L-05-SS	5/16
HM-LC774L-06-SS	3/8
HM-LC774L-08-SS	1/2
HM-LC774L-10-SS	5/8
HM-LC774L-12-SS	3/4
HM-LC774L-16-SS	1
HM-LC774L-20-SS	1.1/4
HM-LC774L-24-SS	1.1/2
HM-LC774L-32-SS	2


# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Cross for metric pipes	
	
<b>M7102L</b>	
code	pipe O.D. [mm]
HM-LM7102L-03-SS	3
HM-LM7102L-06-SS	6
HM-LM7102L-08-SS	8
HM-LM7102L-10-SS	10
HM-LM7102L-12-SS	12
HM-LM7102L-16-SS	16
HM-LM7102L-18-SS	18
HM-LM7102L-20-SS	20
HM-LM7102L-25-SS	22
HM-LM7102L-38-SS	25


Cross for imperial pipes	
	
<b>C7102L</b>	
code	pipe O.D. [inch]
HM-LC7102L-02-SS	1/8
HM-LC7102L-04-SS	1/4
HM-LC7102L-05-SS	5/16
HM-LC7102L-06-SS	3/8
HM-LC7102L-08-SS	1/2
HM-LC7102L-12-SS	3/4
HM-LC7102L-16-SS	1

Plug for metric pipe unions	
	
<b>M7121L</b>	
code	pipe O.D. [mm]
HM-LM7121L-02-SS	2
HM-LM7121L-03-SS	3
HM-LM7121L-04-SS	4
HM-LM7121L-06-SS	6
HM-LM7121L-08-SS	8
HM-LM7121L-10-SS	10
HM-LM7121L-12-SS	12
HM-LM7121L-14-SS	14
HM-LM7121L-15-SS	15
HM-LM7121L-16-SS	16
HM-LM7121L-18-SS	18
HM-LM7121L-20-SS	20
HM-LM7121L-22-SS	22
HM-LM7121L-25-SS	25
HM-LM7121L-38-SS	38
HM-LM7121L-50-SS	50


Plug for imperial pipe unions	
	
<b>C7121L</b>	
code	pipe O.D. [inch]
HM-LC7121L-01-SS	1/16
HM-LC7121L-02-SS	1/8
HM-LC7121L-03-SS	3/16
HM-LC7121L-04-SS	1/4
HM-LC7121L-05-SS	5/16
HM-LC7121L-06-SS	3/8
HM-LC7121L-08-SS	1/2
HM-LC7121L-10-SS	5/8
HM-LC7121L-12-SS	3/4
HM-LC7121L-16-SS	1
HM-LC7121L-20-SS	1.1/4
HM-LC7121L-24-SS	1.1/2
HM-LC7121L-32-SS	2

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Cap for metric pipe unions		
		
<b>M7108L</b>		
code	pipe O.D. [mm]	
HM-LM7108L-02-SS	2	
HM-LM7108L-03-SS	3	
HM-LM7108L-04-SS	4	
HM-LM7108L-06-SS	6	
HM-LM7108L-08-SS	8	
HM-LM7108L-10-SS	10	
HM-LM7108L-12-SS	12	
HM-LM7108L-14-SS	14	
HM-LM7108L-15-SS	15	
HM-LM7108L-16-SS	16	
HM-LM7108L-18-SS	18	
HM-LM7108L-20-SS	20	
HM-LM7108L-22-SS	22	
HM-LM7108L-25-SS	25	
HM-LM7108L-38-SS	38	

Cap for imperial pipe unions		
		
<b>C7108L</b>		
code	pipe O.D. [inch]	
HM-LC7108L-01-SS	1/16	
HM-LC7108L-02-SS	1/8	
HM-LC7108L-03-SS	3/16	
HM-LC7108L-04-SS	1/4	
HM-LC7108L-05-SS	5/16	
HM-LC7108L-06-SS	3/8	
HM-LC7108L-08-SS	1/2	
HM-LC7108L-10-SS	5/8	
HM-LC7108L-12-SS	3/4	
HM-LC7108L-16-SS	1	
HM-LC7108L-20-SS	1.1/4	
HM-LC7108L-24-SS	1.1/2	
HM-LC7108L-32-SS	2	

PN16 flange with LET-LOK® union for metric pipe		
		
<b>FLN</b>		
code	flange DN	pipe O.D. [mm]
HM-FLN-25-06-SS	25	6
HM-FLN-15-12-SS	15	12
HM-FLN-25-12-SS	25	12
HM-FLN-50-12-SS	50	12
HM-FLN-15-18-SS	15	18
HM-FLN-25-18-SS	25	18
HM-FLN-25-25-SS	25	25
HM-FLN-50-38-SS	50	38
HM-FLN-50-50-SS	50	50

# INSTRUMENTATION - connectors

## LET-LOK® type connectors

Many other elements of LET-LOK® system are also available. In order to obtain more information, please contact TUBES INTERNATIONAL® Sales or Technical Department.

Reducing connector 763L		Reducing tee 764LR		Reducing 90° elbow connector 765LR	
Straight connector BSPT female thread 766LR		Straight connector BSP female thread 766LG		Reducing adapter 767LT	
Reducing connector 767LM		Straight connector 767LP		Straight connector BSPT male thread 768LR	
Straight connector BSP male thread 768LG		Straight connector UNF male thread 768LOB		Straight connector weld-in connection 768LN	
Straight connector weld-in connection 768LW		90° elbow BSPT male thread 769LR		90° elbow weld-in connection 769LN	
Reducing 90° elbow 769LT		90° elbow NPT female thread 770L		Tee (L type) NPT male thread 771L	
Tee (L type) NPT female thread 771LF		Tee (T type) NPT female thread 772LF		Bulkhead straight connector NPT female thread 774LF	
Bulkhead reducing adapter 774LT		Bulkhead connector NPT male thread 774LM		Bulkhead reducing connector 775L	
Union cross 7102L		Adapter NPT female thread 739LF		Adapter NPT male thread 739LM	
Adapter BSPT male thread 739LMR		Adapter UNF male thread 739LMOB		Adapter weld-in connection 739LN	


# INSTRUMENTATION - connectors

## Threaded connectors


Threaded connectors, like LET-LOK® connectors, are designed primarily for chemical, petrochemical, pharmaceutical and power industry, nuclear power plants and process engineering. Made of AISI 316 stainless steel and brass with NPT threads from 1/16" up to 2".


### Maximum working pressure [bar] for connectors with NPT and BSP(T) threads

thread size [inch]	AISI 316		brass	
	male thread	female thread	male thread	female thread
1/16	759	462	379	228
1/8	690	448	345	221
1/4	552	455	276	228
3/8	538	366	269	179
1/2	531	338	262	165
3/4	503	317	248	159
1	366	303	179	152
1.1/4	414	345	207	172
1.1/2	345	317	172	159
2	269	269	131	131

90° elbow with NPT female thread	
	
<b>100H</b>	
code	thread size [inch]
HM-P100H-02-SS	1/8
HM-P100H-04-SS	1/4
HM-P100H-06-SS	3/8
HM-P100H-08-SS	1/2
HM-P100H-12-SS	3/4
HM-P100H-16-SS	1


90° elbow with NPT male thread	
	
<b>100HM</b>	
code	thread size [inch]
HM-P100HM-02-SS	1/8
HM-P100HM-04-SS	1/4
HM-P100HM-06-SS	3/8
HM-P100HM-08-SS	1/2


Tee with NPT female thread	
	
<b>101H</b>	
code	thread size [inch]
HM-P101H-02-SS	1/8
HM-P101H-04-SS	1/4
HM-P101H-06-SS	3/8
HM-P101H-08-SS	1/2
HM-P101H-12-SS	3/4
HM-P101H-16-SS	1


Tee with NPT male thread	
	
<b>101HM</b>	
code	thread size [inch]
HM-P101HM-02-SS	1/8
HM-P101HM-04-SS	1/4
HM-P101HM-06-SS	3/8
HM-P101HM-08-SS	1/2


# INSTRUMENTATION - connectors


## Threaded connectors


Cross with NPT female thread	
	
<b>102H</b>	
code	thread size [inch]
HM-P102H-02-SS	1/8
HM-P102H-04-SS	1/4
HM-P102H-06-SS	3/8
HM-P102H-08-SS	1/2
HM-P102H-12-SS	3/4
HM-P102H-16-SS	1

Reducing connector with NPT female thread		
		
<b>119H</b>		
code	thread size [inch]	thread size [inch]
HM-P119H-04-02-SS	1/4	1/8
HM-P119H-06-04-SS	3/8	1/4
HM-P119H-08-02-SS	1/2	1/8
HM-P119H-08-04-SS	1/2	1/4
HM-P119H-08-06-SS	1/2	3/8
HM-P119H-12-04-SS	3/4	1/4
HM-P119H-12-08-SS	3/4	1/2
HM-P119H-16-08-SS	1	1/2
HM-P119H-16-12-SS	1	3/4

Cap with NPT female thread	
	
<b>108H</b>	
code	thread size [inch]
HM-P108H-02-SS	1/8
HM-P108H-04-SS	1/4
HM-P108H-06-SS	3/8
HM-P108H-08-SS	1/2
HM-P108H-12-SS	3/4
HM-P108H-16-SS	1


90° reducing elbow with NPT thread (female / male)		
		
<b>116H</b>		
code	female thread size [inch]	male thread size [inch]
HM-P116H-01-01-SS	1/16	1/16
HM-P116H-02-01-SS	1/8	1/16
HM-P116H-02-02-SS	1/8	1/8
HM-P116H-04-02-SS	1/4	1/8
HM-P116H-04-04-SS	1/4	1/4
HM-P116H-06-04-SS	3/8	1/4
HM-P116H-06-06-SS	3/8	3/8
HM-P116H-08-04-SS	1/2	1/4
HM-P116H-08-06-SS	1/2	3/8
HM-P116H-08-08-SS	1/2	1/2
HM-P116H-12-12-SS	3/4	3/4
HM-P116H-16-16-SS	1	1


Connector with NPT female thread	
	
<b>103H</b>	
code	thread size [inch]
HM-P103H-02-SS	1/8
HM-P103H-04-SS	1/4
HM-P103H-06-SS	3/8
HM-P103H-08-SS	1/2
HM-P103H-12-SS	3/4
HM-P103H-16-SS	1


Plug with NPT male thread	
	
<b>107H</b>	
code	thread size [inch]
HM-P107H-04-SS	1/4
HM-P107H-06-SS	3/8
HM-P107H-08-SS	1/2


# INSTRUMENTATION - connectors

## Threaded connectors

Reducing connector NPT thread (male / female)		
		
<b>110H</b>		
code	male thread size [inch]	female thread size [inch]
HM-P110H-02-01-SS	1/8	1/16
HM-P110H-04-02-SS	1/4	1/8
HM-P110H-06-02-SS	3/8	1/8
HM-P110H-06-04-SS	3/8	1/4
HM-P110H-08-02-SS	1/2	1/8
HM-P110H-08-04-SS	1/2	1/4
HM-P110H-08-06-SS	1/2	3/8
HM-P110H-12-04-SS	3/4	1/4
HM-P110H-12-06-SS	3/4	3/8
HM-P110H-12-08-SS	3/4	1/2
HM-P110H-16-04-SS	1	1/4
HM-P110H-16-06-SS	1	3/8
HM-P110H-16-08-SS	1	1/2
HM-P110H-16-12-SS	1	3/4
HM-P110H-20-08-SS	1.1/4	1/2
HM-P110H-20-12-SS	1.1/4	3/4
HM-P110H-20-16-SS	1.1/4	1
HM-P110H-24-08-SS	1.1/2	1/2
HM-P110H-24-12-SS	1.1/2	3/4
HM-P110H-24-16-SS	1.1/2	1
HM-P110H-24-20-SS	1.1/2	1.1/4
HM-P110H-32-08-SS	2	1/2
HM-P110H-32-12-SS	2	3/4
HM-P110H-32-16-SS	2	1
HM-P110H-32-20-SS	2	1.1/4
HM-P110H-32-24-SS	2	1.1/2

Reducing connector NPT thread (female / male)		
		
<b>120H</b>		
code	female thread size [inch]	male thread size [inch]
HM-P120H-02-01-SS	1/8	1/16
HM-P120H-02-02-SS	1/8	1/8
HM-P120H-04-02-SS	1/4	1/8
HM-P120H-04-04-SS	1/4	1/4
HM-P120H-06-02-SS	3/8	1/8
HM-P120H-06-04-SS	3/8	1/4
HM-P120H-06-06-SS	3/8	3/8
HM-P120H-08-02-SS	1/2	1/8
HM-P120H-08-04-SS	1/2	1/4
HM-P120H-08-06-SS	1/2	3/8
HM-P120H-08-08-SS	1/2	1/2
HM-P120H-12-04-SS	3/4	1/4
HM-P120H-12-06-SS	3/4	3/8
HM-P120H-12-08-SS	3/4	1/2
HM-P120H-12-12-SS	3/4	3/4
HM-P120H-16-04-SS	1	1/4
HM-P120H-16-08-SS	1	1/2
HM-P120H-16-12-SS	1	3/4
HM-P120H-16-16-SS	1	1


Connector with NPT male thread / BSP female thread		
		
<b>120HGN</b>		
code	male thread size [inch]	female thread size [inch]
HM-P120HGN-04-04-SS	1/4	1/4
HM-P120HGN-06-06-SS	3/8	3/8
HM-P120HGN-08-08-SS	1/2	1/2


Connector with BSP male thread / NPT female thread		
		
<b>120HNG</b>		
code	male thread size [inch]	female thread size [inch]
HM-P120HNG-02-02-SS	1/8	1/8
HM-P120HNG-04-04-SS	1/4	1/4
HM-P120HNG-06-06-SS	3/8	3/8
HM-P120HNG-08-08-SS	1/2	1/2
HM-P120HNG-12-12-SS	3/4	3/4
HM-P120HNG-16-16-SS	1	1





# INSTRUMENTATION - connectors


## Threaded connectors


Connector with BSPT male thread / NPT female thread		
		
<b>120HNR</b>		
code	male thread size [inch]	female thread size [inch]
HM-P120HNR-02-02-SS	1/8	1/8
HM-P120HNR-04-04-SS	1/4	1/4
HM-P120HNR-06-06-SS	3/8	3/8
HM-P120HNR-08-08-SS	1/2	1/2
HM-P120HNR-12-12-SS	3/4	3/4
HM-P120HNR-16-16-SS	1	1

Connector with NPT male thread / BSPT female thread		
		
<b>120HRN</b>		
code	male thread size [inch]	female thread size [inch]
HM-P120HRN-02-02-SS	1/8	1/8
HM-P120HRN-04-04-SS	1/4	1/4
HM-P120HRN-06-06-SS	3/8	3/8
HM-P120HRN-08-08-SS	1/2	1/2
HM-P120HRN-12-12-SS	3/4	3/4
HM-P120HRN-16-16-SS	1	1

Connector with NPT male thread / BSP male thread	
	
<b>122HNG</b>	
code	thread size [inch]
HM-P122HNG-02-SS	1/8
HM-P122HNG-04-SS	1/4
HM-P122HNG-06-SS	3/8
HM-P122HNG-08-SS	1/2
HM-P122HNG-12-SS	3/4
HM-P122HNG-16-SS	1


Connector with NPT male thread / BSPT male thread	
	
<b>122HNR</b>	
code	thread size [inch]
HM-P122HNR-02-SS	1/8
HM-P122HNR-04-SS	1/4
HM-P122HNR-06-SS	3/8
HM-P122HNR-08-SS	1/2
HM-P122HNR-12-SS	3/4
HM-P122HNR-16-SS	1


Connector with NPT male thread	
	
<b>122H</b>	
code	thread size [inch]
HM-P122H-01-SS	1/16
HM-P122H-02-SS	1/8
HM-P122H-04-SS	1/4
HM-P122H-06-SS	3/8
HM-P122H-08-SS	1/2
HM-P122H-12-SS	3/4
HM-P122H-16-SS	1

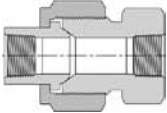
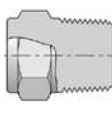
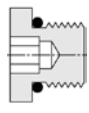
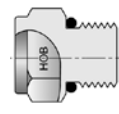
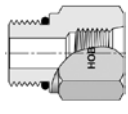
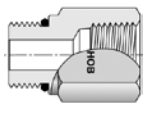

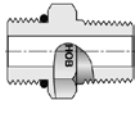
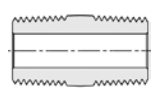
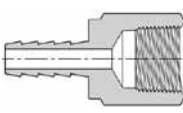
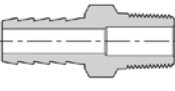
Reducing connector with NPT male thread		
		
<b>123H</b>		
code	male thread size [inch]	male thread size [inch]
HM-P123H-02-01-SS	1/8	1/16
HM-P123H-04-02-SS	1/4	1/8
HM-P123H-06-02-SS	3/8	1/8
HM-P123H-06-04-SS	3/8	1/4
HM-P123H-08-02-SS	1/2	1/8
HM-P123H-08-04-SS	1/2	1/4
HM-P123H-08-06-SS	1/2	3/8
HM-P123H-12-04-SS	3/4	1/4
HM-P123H-12-08-SS	3/4	1/2
HM-P123H-16-08-SS	1	1/2
HM-P123H-16-12-SS	1	3/4

# INSTRUMENTATION - connectors

## Threaded connectors

Branch tee with NPT thread (female / male)	
	
<b>3600H</b>	
code	thread size [inch]
HM-P3600H-02-SS	1/8
HM-P3600H-04-SS	1/4
HM-P3600H-06-SS	3/8
HM-P3600H-08-SS	1/2

Street tee with NPT thread (female / male)	
	
<b>3750H</b>	
code	thread size [inch]
HM-P3750H-02-SS	1/8
HM-P3750H-04-SS	1/4
HM-P3750H-06-SS	3/8
HM-P3750H-08-SS	1/2

Connector male / female NPT thread 104H		Blank plug NPT male thread 121H		Blank plug UNF male thread 107HOB	
Blank plug UNF male thread 121HOB		Reducing connector male / female UNF thread 110HOB		Connector NPT female thread / UNF male thread 120HNOB	
Straight long connector NPT male thread 113H		Straight connector NPT / UNF male thread 122HNOB		Straight connector NPT male thread 122HCN	
Fitting NPT female thread 130HF		Fitting NPT male thread 130HM		Pipe fitting with hose tail 130LT	