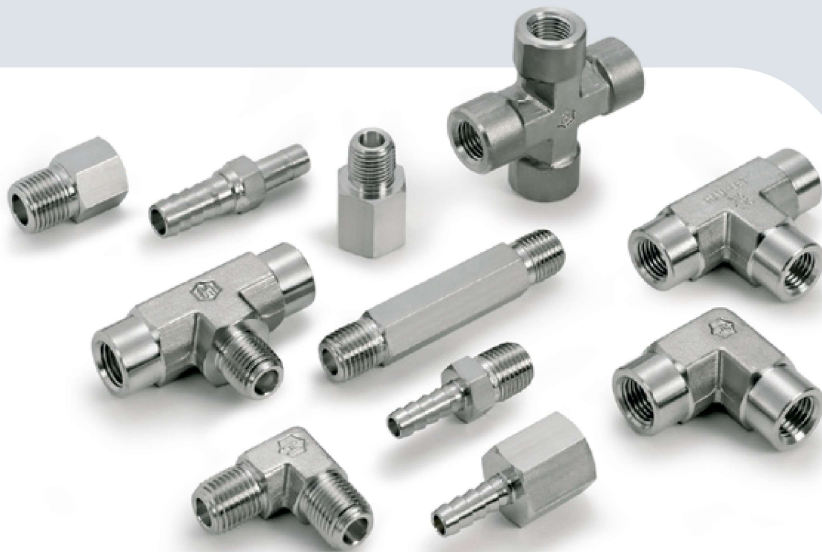


HAM-LET PRECISION INSTRUMENT PIPE FITTINGS PIPELINE



GENERAL

The HAM-LET Pipeline range of connectors is manufactured for typical applications in chemical and petrochemical processing plants, as well as oil, gas and power generation industries.

FEATURE

- Sizes range from 1/16" to 2".
- Fittings are properly packaged with the exposed threads protected to ensure they are not damaged during delivery.
- All pipe threads meet the requirements of ASME/ANSI B1.20.1 (1983) for tapered pipe threads (NPT).
- Working pressures are calculated in accordance with Power Piping Code ANSI B 31.1, Refiner Piping Code ASME/ANSI B 31.3 and section VIII of ASME Boiler & Pressure Vessel Code.

PRESSURE RATINGS (PSI)

NPT or BSPT/ISO size	STAINLESS STEEL 316		BRASS		
	inch	male	female	male	female
1/16		11000	6700	5500	3300
1/8		10000	6500	5000	3200
1/4		8000	6600	4000	3300
3/8		7800	5300	3900	2600
1/2		7700	4900	3800	2400
3/4		7300	4600	3600	2300
1		5300	4400	2600	2200
1 1/4		6000	5000	3000	2500
1 1/2		5000	4600	2500	2300
2		3900	3900	1900	1900

MATERIALS

MATERIAL	Specifications	
	Barstock	Forgings
STAINLESS STEEL 316	ASTM A-276	ASTM A-182
	ASTM A-479	
BRASS	ASTM B-453	ASME B-283
	ASTM B-16	
	DIN 176.60	

INSTALLATION INSTRUCTIONS

To ensure a leak-tight seal, HAM-LET recommends the use of a pipe thread sealant on all NPT threads. The most effective sealing method is PTFE tape. Tape should be used only on male tapered pipe threads.

Do not use tape on flared, coned or tube fitting ends!

Clean both male and female tapered threads and wrap tape in the direction of the male tapered thread spiral.

Note: Two wraps are suggested for stainless steel tapered pipe threads. Make sure tape does not overhang the first thread, as the tape might shred and enter the fluid system.

Cut off excess tape. The connection is now ready for proper makeup.

PIPELINE INDEX

ELBOW
100 H



4

MALE ELBOW
100 HM



4

TEE
101H



4

MALE TEE
101HM



5

CROSS
102H



5

HEX COUPLING
103H



5

UNION BALL JOINT
104H



6

HOLLOW HEX PLUGS
107H



6

HOLLOW HEX PLUGS
SAE/MS STRAIGHT
THREAD BOSS
107HOB



6

PIPE CAP
108H



7

REDUCING BUSHING
110H



7

REDUCING BUSHING
SAE/MS STRAIGHT
THREAD BOSS
110HOB



8

HEX LONG NIPPLE
113H



8

STREET ELBOW
116H



9

HEX REDUCING COUPLING
119H



9

ADAPTER NPT
120H



10

ADAPTER
NPT FEMALE TO
MALE BSPT
120HNR



10

ADAPTER
FEMALE NPT TO MALE BSPP
120HNG



11

ADAPTER
NPT TO SAE/MS STRAIGHT
THREAD BOSS
120HNOB



11

ADAPTER
FEMALE BSPT TO
MALE NPT
120HRN



11

GAUGE ADAPTER
FEMALE BSPP TO
MALE NPT
120HGN



12

PIPE PLUG NPT
121H



12

HEX HEAD PLUG
SAE/MS STRAIGHT
THREAD BOSS
121HOB



12

HEX NIPPLE
122H



13

HEX NIPPLE
MALE NPT TO
MALE BSPT
122HNR



13

HEX NIPPLE
MALE NPT TO
MALE BSPP
122HNG



14

HEX NIPPLE
NPT TO SAE/MS
STRAIGHT BOSS
122HNOB



14

CLOSE NIPPLE
122HCN



14

REDUCING NIPPLE
123H



15

BRANCH TEE
3600H



15

STREET TEE
3750H



16

MALE HOSE CONNECTOR
130HM



16

FEMALE HOSE CONNECTOR
130HF



17

TUBE TO HOSE CONNECTOR
130LT



17

ORDERING INFORMATION

EXAMPLE:

120H

Material Description

SS - Stainless Steel 316
B - Brass

1/2

x

1/4

All orders should include ordering information and material description.

