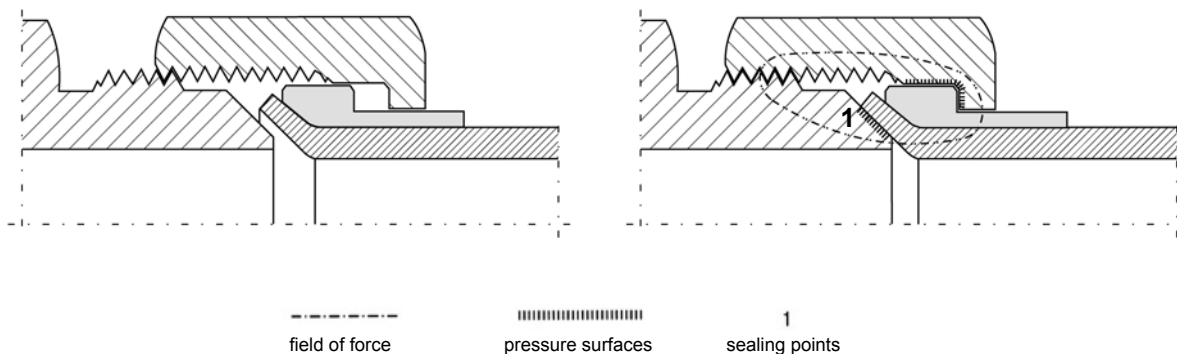


# HIGH PRESSURE - JIC 37° connectors

## SAE fittings - J514 (JIC 37°)

Fittings manufactured according to SAE J514 (ISO 8434-2) standard are widely used in many branches of industry to connect steel pipes with outside diameter from 6 to 38 mm. Fittings according to SAE J514 can also be used to connect flexible hose assemblies. Widely used in hydraulic and pneumatic drive and control systems as well as in industrial applications.

### Operation principle of JIC 37°



The pipes that are to be connected with JIC 37° fittings, must be flared with a flaring machine (hand tools must not be used). The connection of a fitting with a flared steel pipe with 74° angle cone ( $37^\circ \times 2 = 74^\circ$ ) is obtained by a ferrule in a tightening nut. The flared 37° part of the pipe couples with the conical 37° part of the fitting body assuring metal to metal seal. Fittings with elastomeric sealing (O-ring) are available as well. The fittings according to JIC 37° may also be connected with JIC type fittings (e.g. TI-ZJW110, TI-ZJZ110) of flexible hydraulic hose assemblies.

### Technical characteristics

#### Material:

Zinc-plated carbon steel, stainless steel (AISI 316Ti).

#### Working pressure:

Depends on the size and type of a fitting. The working pressure of the fitting given in the table is its max. working pressure (including temporary pressure build-up). Safety factor 4:1 (calculated for static pressure), for a connection of the fitting with a pipe or for fittings with elastomeric sealing. For fittings with taper thread or with metal to metal seal, the safety factor is 2.5:1.

#### Working temperature:

- for carbon steel fittings: from -20 C to +120 C
- for stainless steel fittings: from -60 C to +200 C

For temperatures above +100 C, the max. working pressure may require reduction.

#### Sealing:

NBR seals are used for carbon steel fittings, Viton (FPM) seals for stainless steel fittings as a standard. Working temperature range of the seals:

- NBR from -35°C up to +100°C,
- Viton (FPM) from -25°C up to +200°C.

#### Fluid being transferred:

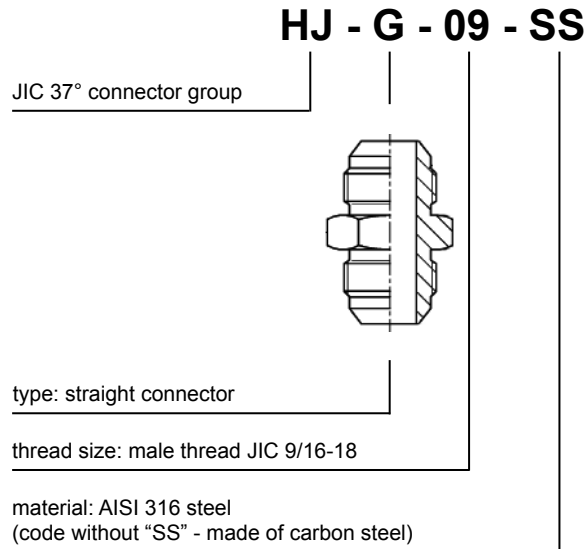
Fittings according to JIC 37° can be used to transfer a wide range of fluids and gases. However, the compatibility of the medium with fitting material and seal type must be always checked. For all applications different from standard hydraulic oils, please contact TUBES INTERNATIONAL® Technical Department.

# HIGH PRESSURE - JIC 37° connectors

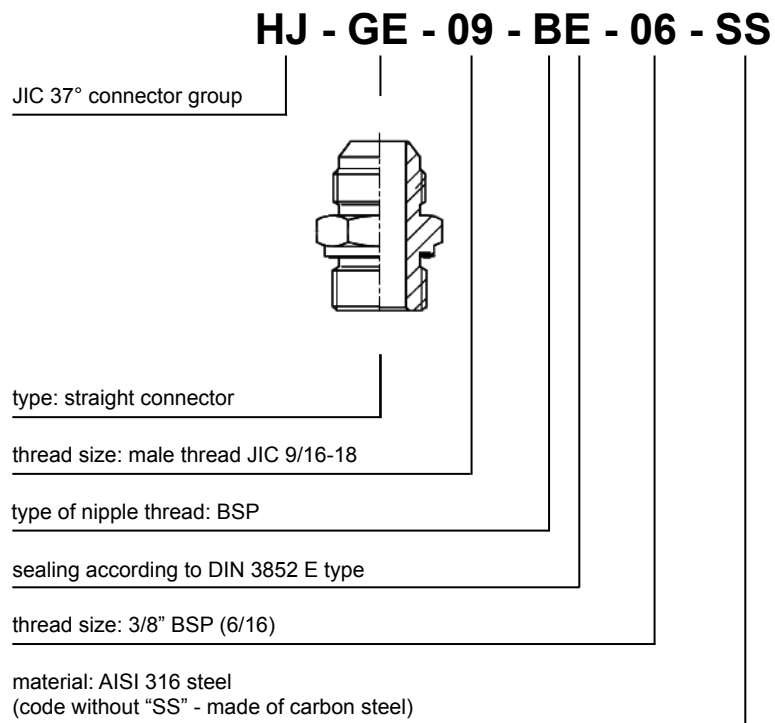
## Codes of connectors in the catalogue

Connectors are marked with special codes in our catalogue - they should be used when placing an order.

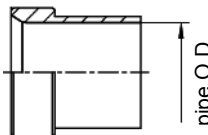
### Code example:



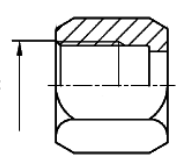
### Code example:



# HIGH PRESSURE - JIC 37° connectors

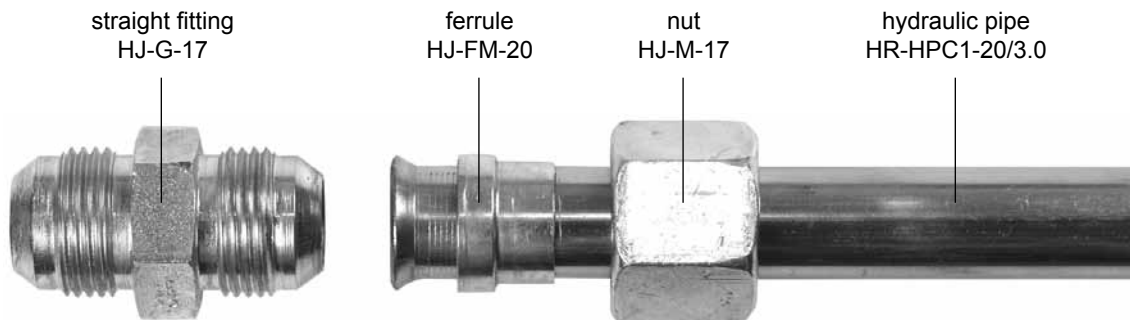
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.	
				[mm]	[inch]
Ferrule  	450	HJ-FM-06	HJ-FM-06-SS	6	-
		HJ-FC-04	HJ-FC-04-SS	-	1/4
		HJ-FM-08	HJ-FM-08-SS	8	-
			HJ-FC-05-SS	-	5/16
	350	HJ-FM-10	HJ-FM-10-SS	10	-
		HJ-FC-06	HJ-FC-06-SS	-	3/8
		HJ-FM-12	HJ-FM-12-SS	12	-
		HJ-FC-08	HJ-FC-08-SS	-	1/2
			HJ-FM-16	HJ-FM-16-SS	16
			HJ-FC-10-SS	-	5/8
		HJ-FM-20	HJ-FM-20-SS	20	-
		HJ-FC-12	HJ-FC-12-SS	-	3/4
	290	HJ-FM-25	HJ-FM-25-SS	25	-
	240	HJ-FC-16	HJ-FC-16-SS	-	1
		HJ-FM-32	HJ-FM-32-SS	32	-
		HJ-FC-20	HJ-FC-20-SS	-	1.1/4
			HJ-FM-38	HJ-FM-38-SS	38
		HJ-FC-24-SS	-	1.1/2	
	350	HJ-FM-14	HJ-FM-14-SS	14	-
		HJ-FM-15	HJ-FM-15-SS	15	-
HJ-FM-18		HJ-FM-18-SS	18	-	
240	HJ-FM-30	HJ-FM-30-SS	30	-	

**FM**  
**FC**

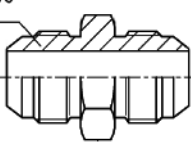
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC [UN-UNF]
				[mm]	[inch]	
Nut  	450	HJ-M-07	HJ-M-07-SS	6	1/4	7/16-20
		HJ-M-08	HJ-M-08-SS	8	5/16	1/2-20
	350	HJ-M-09	HJ-M-09-SS	10	3/8	9/16-18
		HJ-M-12	HJ-M-12-SS	12	1/2	3/4-16
		HJ-M-14	HJ-M-14-SS	14-15-16	5/8	7/8-14
			HJ-M-17	HJ-M-17-SS	18-20	3/4
	290	HJ-M-21	HJ-M-21-SS	25	1	1.5/16-12
	240	HJ-M-26	HJ-M-26-SS	30-32	1.1/4	1.5/8-12
		HJ-M-30	HJ-M-30-SS	38	1.1/2	1.7/8-12

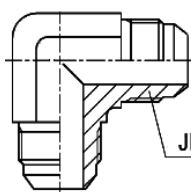
**M**

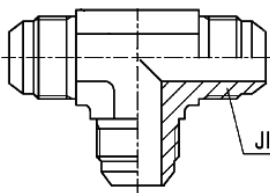
Example of a set for JIC37° fitting connection with seamless hydraulic precision pipe

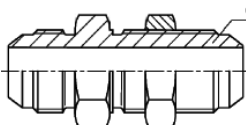


# HIGH PRESSURE - JIC 37° connectors

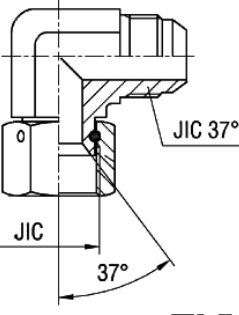
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.				JIC 37° [UN-UNF]	
				[mm]		[inch]		A	B
				A	B	A	B		
Straight connector  	450	HJ-G-07	HJ-G-07-SS	6	6	1/4	1/4	7/16-20	7/16-20
		HJ-G-08	HJ-G-08-SS	8	8	5/16	5/16	1/2-20	1/2-20
	350	HJ-G-09	HJ-G-09-SS	10	10	3/8	3/8	9/16-18	9/16-18
		HJ-G-12	HJ-G-12-SS	12	12	1/2	1/2	3/4-16	3/4-16
		HJ-G-14	HJ-G-14-SS	14-15-16	14-15-16	5/8	5/8	7/8-14	7/8-14
	290	HJ-G-17	HJ-G-17-SS	18-20	18-20	3/4	3/4	1.1/16-12	1.1/16-12
		HJ-G-21	HJ-G-21-SS	25	25	1	1	1.5/16-12	1.5/16-12
	240	HJ-G-26	HJ-G-26-SS	30-32	30-32	1.1/4	1.1/4	1.5/8-12	1.5/8-12
		HJ-G-30	HJ-G-30-SS	38	38	1.1/2	1.1/2	1.7/8-12	1.7/8-12
	350	HJ-GR-09-07	-	10	6	3/8	1/4	9/16-18	7/16-20
		HJ-GR-12-09	-	12	10	1/2	3/8	3/4-16	9/16-18
		HJ-GR-14-12	-	14-15-16	12	5/8	1/2	7/8-14	3/4-16
		HJ-GR-17-12	-	18-20	12	3/4	1/2	1.1/16-12	3/4-16
		HJ-GR-17-14	-	18-20	14-15-16	3/4	5/8	1.1/16-12	7/8-14
	290	HJ-GR-21-17	-	25	18-20	1	3/4	1.5/16-12	1.1/16-12

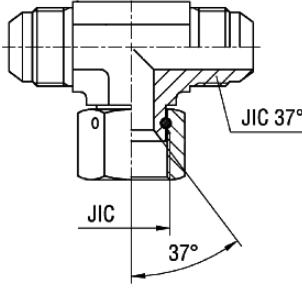
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
90° elbow connector  	450	HJ-W-07	HJ-W-07-SS	6	1/4	7/16-20
		HJ-W-08	HJ-W-08-SS	8	5/16	1/2-20
	350	HJ-W-09	HJ-W-09-SS	10	3/8	9/16-18
		HJ-W-12	HJ-W-12-SS	12	1/2	3/4-16
		HJ-W-14	HJ-W-14-SS	14-15-16	5/8	7/8-14
	290	HJ-W-17	HJ-W-17-SS	18-20	3/4	1.1/16-12
		HJ-W-21	HJ-W-21-SS	25	1	1.5/16-12
	240	HJ-W-26	HJ-W-26-SS	30-32	1.1/4	1.5/8-12
		HJ-W-30	HJ-W-30-SS	38	1.1/2	1.7/8-12

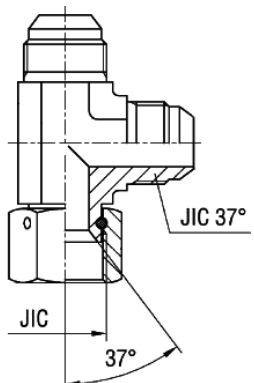
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Tee connector  	450	HJ-T-07	HJ-T-07-SS	6	1/4	7/16-20
		HJ-T-08	HJ-T-08-SS	8	5/16	1/2-20
	350	HJ-T-09	HJ-T-09-SS	10	3/8	9/16-18
		HJ-T-12	HJ-T-12-SS	12	1/2	3/4-16
		HJ-T-14	HJ-T-14-SS	14-15-16	5/8	7/8-14
	290	HJ-T-17	HJ-T-17-SS	18-20	3/4	1.1/16-12
		HJ-T-21	HJ-T-21-SS	25	1	1.5/16-12
	240	HJ-T-26	HJ-T-26-SS	30-32	1.1/4	1.5/8-12
		HJ-T-30	HJ-T-30-SS	38	1.1/2	1.7/8-12

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Straight bulkhead connector  	450	HJ-SV-07	HJ-SV-07-SS	6	1/4	7/16-20
		HJ-SV-08	HJ-SV-08-SS	8	5/16	1/2-20
	350	HJ-SV-09	HJ-SV-09-SS	10	3/8	9/16-18
		HJ-SV-12	HJ-SV-12-SS	12	1/2	3/4-16
		HJ-SV-14	HJ-SV-14-SS	14-15-16	5/8	7/8-14
	290	HJ-SV-17	HJ-SV-17-SS	18-20	3/4	1.1/16-12
		HJ-SV-21	HJ-SV-21-SS	25	1	1.5/16-12
	240	HJ-SV-26	HJ-SV-26-SS	30-32	1.1/4	1.5/8-12
		HJ-SV-30	HJ-SV-30-SS	38	1.1/2	1.7/8-12

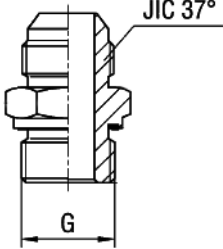
# HIGH PRESSURE - JIC 37° connectors

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Adjustable 90° elbow connector  <b>EVW</b>	450	HJ-EVW-07	HJ-EVW-07-SS	6	1/4	7/16-20
		HJ-EVW-08	HJ-EVW-08-SS	8	5/16	1/2-20
	350	HJ-EVW-09	HJ-EVW-09-SS	10	3/8	9/16-18
		HJ-EVW-12	HJ-EVW-12-SS	12	1/2	3/4-16
		HJ-EVW-14	HJ-EVW-14-SS	14-15-16	5/8	7/8-14
		HJ-EVW-17	HJ-EVW-17-SS	18-20	3/4	1.1/16-12
	290	HJ-EVW-21	HJ-EVW-21-SS	25	1	1.5/16-12
	240	HJ-EVW-26	HJ-EVW-26-SS	30-32	1.1/4	1.5/8-12
		HJ-EVW-30	HJ-EVW-30-SS	38	1.1/2	1.7/8-12

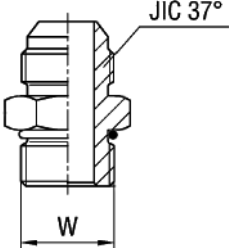
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Adjustable tee connector  <b>EVT</b>	450	HJ-EVT-07	HJ-EVT-07-SS	6	1/4	7/16-20
		HJ-EVT-08	HJ-EVT-08-SS	8	5/16	1/2-20
	350	HJ-EVT-09	HJ-EVT-09-SS	10	3/8	9/16-18
		HJ-EVT-12	HJ-EVT-12-SS	12	1/2	3/4-16
		HJ-EVT-14	HJ-EVT-14-SS	14-15-16	5/8	7/8-14
		HJ-EVT-17	HJ-EVT-17-SS	18-20	3/4	1.1/16-12
	290	HJ-EVT-21	HJ-EVT-21-SS	25	1	1.5/16-12
	240	HJ-EVT-26	HJ-EVT-26-SS	30-32	1.1/4	1.5/8-12
		HJ-EVT-30	HJ-EVT-30-SS	38	1.1/2	1.7/8-12

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Adjustable tee connector (asymmetric)  <b>EVL</b>	450	HJ-EVL-07	HJ-EVL-07-SS	6	1/4	7/16-20
		HJ-EVL-08	HJ-EVL-08-SS	8	5/16	1/2-20
	350	HJ-EVL-09	HJ-EVL-09-SS	10	3/8	9/16-18
		HJ-EVL-12	HJ-EVL-12-SS	12	1/2	3/4-16
		HJ-EVL-14	HJ-EVL-14-SS	14-15-16	5/8	7/8-14
		HJ-EVL-17	HJ-EVL-17-SS	18-20	3/4	1.1/16-12
	290	HJ-EVL-21	HJ-EVL-21-SS	25	1	1.5/16-12
	240	HJ-EVL-26	HJ-EVL-26-SS	30-32	1.1/4	1.5/8-12
		HJ-EVL-30	HJ-EVL-30-SS	38	1.1/2	1.7/8-12

# HIGH PRESSURE - JIC 37° connectors

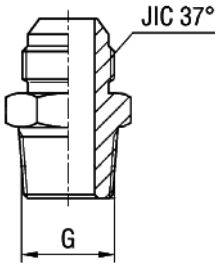
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]	
				[mm]	[inch]			
Straight nipple, BSP thread  	350	HJ-GE-07-BE-02	HJ-GE-07-BE-02-SS	6	1/4	7/16-20	1/8	
		HJ-GE-08-BE-02	HJ-GE-08-BE-02-SS	8	5/16	1/2-20	1/8	
		HJ-GE-09-BE-04	HJ-GE-09-BE-04-SS	10	3/8	9/16-18	1/4	
		HJ-GE-12-BE-06	HJ-GE-12-BE-06-SS	12	1/2	3/4-16	3/8	
		HJ-GE-14-BE-08	HJ-GE-14-BE-08-SS	14-15-16	5/8	7/8-14	1/2	
		HJ-GE-17-BE-12	HJ-GE-17-BE-12-SS	18-20	3/4	1.1/16-12	3/4	
	290	HJ-GE-21-BE-16	HJ-GE-21-BE-16-SS	25	1	1.5/16-12	1	
	240	HJ-GE-26-BE-20	HJ-GE-26-BE-20-SS	30-32	1.1/4	1.5/8-12	1.1/4	
		HJ-GE-30-BE-24	HJ-GE-30-BE-24-SS	38	1.1/2	1.7/8-12	1.1/2	
	350	HJ-GE-07-BE-04	HJ-GE-07-BE-04-SS	6	1/4	7/16-20	1/4	
		HJ-GE-07-BE-06	-	6	1/4	7/16-20	3/8	
		HJ-GE-07-BE-08	HJ-GE-07-BE-08-SS	6	1/4	7/16-20	1/2	
		HJ-GE-08-BE-04	HJ-GE-08-BE-04-SS	8	5/16	1/2-20	1/4	
		HJ-GE-08-BE-06	HJ-GE-08-BE-06-SS	8	5/16	1/2-20	3/8	
		HJ-GE-09-BE-02	HJ-GE-09-BE-02-SS	10	3/8	9/16-18	1/8	
		HJ-GE-09-BE-06	HJ-GE-09-BE-06-SS	10	3/8	9/16-18	3/8	
		HJ-GE-09-BE-08	HJ-GE-09-BE-08-SS	10	3/8	9/16-18	1/2	
		HJ-GE-12-BE-04	HJ-GE-12-BE-04-SS	12	1/2	3/4-16	1/4	
		HJ-GE-12-BE-08	HJ-GE-12-BE-08-SS	12	1/2	3/4-16	1/2	
		HJ-GE-12-BE-12	HJ-GE-12-BE-12-SS	12	1/2	3/4-16	3/4	
		HJ-GE-14-BE-06	HJ-GE-14-BE-06-SS	14-15-16	5/8	7/8-14	3/8	
		HJ-GE-14-BE-12	HJ-GE-14-BE-12-SS	14-15-16	5/8	7/8-14	3/4	
		HJ-GE-17-BE-06	-	18-20	3/4	1.1/16-12	3/8	
		HJ-GE-17-BE-08	HJ-GE-17-BE-08-SS	18-20	3/4	1.1/16-12	1/2	
		290	HJ-GE-17-BE-16	HJ-GE-17-BE-16-SS	18-20	3/4	1.1/16-12	1
			HJ-GE-21-BE-12	HJ-GE-21-BE-12-SS	25	1	1.5/16-12	3/4
		240	HJ-GE-21-BE-20	HJ-GE-21-BE-20-SS	25	1	1.5/16-12	1.1/4
	HJ-GE-26-BE-16		HJ-GE-26-BE-16-SS	30-32	1.1/4	1.5/8-12	1	
	HJ-GE-26-BE-24		HJ-GE-26-BE-24-SS	30-32	1.1/4	1.5/8-12	1.1/2	
	HJ-GE-30-BE-20		HJ-GE-30-BE-20-SS	38	1.1/2	1.7/8-12	1.1/4	

**GE - BE**

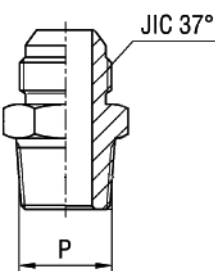
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	W [UN-UNF]	
				[mm]	[inch]			
Straight nipple, UN-UNF thread  	400	HJ-GE-07-UN-07	HJ-GE-07-UN-07-SS	6	1/4	7/16-20	7/16-20	
		HJ-GE-08-UN-08	HJ-GE-08-UN-08-SS	8	5/16	1/2-20	1/2-20	
	350	HJ-GE-09-UN-09	HJ-GE-09-UN-09-SS	10	3/8	9/16-18	9/16-18	
		HJ-GE-12-UN-12	HJ-GE-12-UN-12-SS	12	1/2	3/4-16	3/4-16	
		HJ-GE-14-UN-14	HJ-GE-14-UN-14-SS	14-15-16	5/8	7/8-14	7/8-14	
		HJ-GE-17-UN-17	HJ-GE-17-UN-17-SS	18-20	3/4	1.1/16-12	1.1/16-12	
	290	HJ-GE-21-UN-21	HJ-GE-21-UN-21-SS	25	1	1.5/16-12	1.5/16-12	
	240	HJ-GE-26-UN-26	-	30-32	1.1/4	1.5/8-12	1.5/8-12	
		HJ-GE-30-UN-30	-	38	1.1/2	1.7/8-12	1.7/8-12	
	350	400	HJ-GE-07-UN-08	-	6	1/4	7/16-20	1/2-20
			HJ-GE-07-UN-09	-	6	1/4	7/16-20	9/16-18
		HJ-GE-07-UN-12	-	6	1/4	7/16-20	3/4-16	
		HJ-GE-08-UN-09	-	8	5/16	1/2-20	9/16-18	
		HJ-GE-09-UN-07	-	10	3/8	9/16-18	7/16-20	
		HJ-GE-09-UN-08	-	10	3/8	9/16-18	1/2-20	
		HJ-GE-09-UN-12	-	10	3/8	9/16-18	3/4-16	
		HJ-GE-09-UN-14	-	10	3/8	9/16-18	7/8-14	
		HJ-GE-12-UN-09	-	12	1/2	3/4-16	9/16-18	
		HJ-GE-12-UN-14	-	12	1/2	3/4-16	7/8-14	
		HJ-GE-12-UN-17	-	12	1/2	3/4-16	1.1/16-12	
		HJ-GE-14-UN-12	-	14-15-16	5/8	7/8-14	3/4-16	
		HJ-GE-14-UN-17	-	14-15-16	5/8	7/8-14	1.1/16-12	
		HJ-GE-17-UN-12	-	18-20	3/4	1.1/16-12	3/4-16	
		HJ-GE-17-UN-14	-	18-20	3/4	1.1/16-12	7/8-14	
		290	HJ-GE-17-UN-21	-	18-20	3/4	1.1/16-12	1.5/16-12
			HJ-GE-21-UN-14	-	25	1	1.5/16-12	7/8-14
			HJ-GE-21-UN-17	-	25	1	1.5/16-12	1.1/16-12
	240	HJ-GE-21-UN-26	-	25	1	1.5/16-12	1.5/8-12	
		HJ-GE-26-UN-21	-	30-32	1.1/4	1.5/8-12	1.5/16-12	
	HJ-GE-30-UN-26	-	38	1.1/2	1.7/8-12	1.5/8-12		

**GE - UN**

# HIGH PRESSURE - JIC 37° connectors

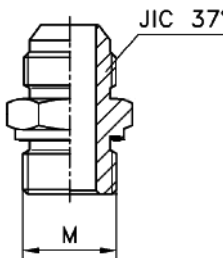
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSPT]
				[mm]	[inch]		
Straight nipple, BSPT (taper) thread  	350	HJ-GE-07-BT-02	HJ-GE-07-BT-02-SS	6	1/4	7/16-20	1/8
		HJ-GE-08-BT-02	HJ-GE-08-BT-02-SS	8	5/16	1/2-20	1/8
		HJ-GE-09-BT-04	HJ-GE-09-BT-04-SS	10	3/8	9/16-18	1/4
		HJ-GE-12-BT-06	HJ-GE-12-BT-06-SS	12	1/2	3/4-16	3/8
		HJ-GE-14-BT-08	HJ-GE-14-BT-08-SS	14-15-16	5/8	7/8-14	1/2
	HJ-GE-17-BT-12	HJ-GE-17-BT-12-SS	18-20	3/4	1.1/16-12	3/4	
	290	HJ-GE-21-BT-16	HJ-GE-21-BT-16-SS	25	1	1.5/16-12	1
	240	HJ-GE-26-BT-20	HJ-GE-26-BT-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
		HJ-GE-30-BT-24	HJ-GE-30-BT-24-SS	38	1.1/2	1.7/8-12	1.1/2
	350	HJ-GE-07-BT-04	HJ-GE-07-BT-04-SS	6	1/4	7/16-20	1/4
		HJ-GE-08-BT-04	HJ-GE-08-BT-04-SS	8	5/16	1/2-20	1/4
		HJ-GE-09-BT-02	HJ-GE-09-BT-02-SS	10	3/8	9/16-18	1/8
		HJ-GE-09-BT-06	HJ-GE-09-BT-06-SS	10	3/8	9/16-18	3/8
		HJ-GE-09-BT-08	HJ-GE-09-BT-08-SS	10	3/8	9/16-18	1/2
		HJ-GE-12-BT-04	HJ-GE-12-BT-04-SS	12	1/2	3/4-16	1/4
		HJ-GE-12-BT-08	HJ-GE-12-BT-08-SS	12	1/2	3/4-16	1/2
		HJ-GE-12-BT-12	HJ-GE-12-BT-12-SS	12	1/2	3/4-16	3/4
		HJ-GE-14-BT-06	HJ-GE-14-BT-06-SS	14-15-16	5/8	7/8-14	3/8
		HJ-GE-14-BT-12	HJ-GE-14-BT-12-SS	14-15-16	5/8	7/8-14	3/4
	HJ-GE-17-BT-08	HJ-GE-17-BT-08-SS	18-20	3/4	1.1/16-12	1/2	
	290	HJ-GE-17-BT-16	HJ-GE-17-BT-16-SS	18-20	3/4	1.1/16-12	1
		HJ-GE-21-BT-12	HJ-GE-21-BT-12-SS	25	1	1.5/16-12	3/4
	240	HJ-GE-26-BT-16	HJ-GE-26-BT-16-SS	30-32	1.1/4	1.5/8-12	1
		HJ-GE-30-BT-20	HJ-GE-30-BT-20-SS	38	1.1/2	1.7/8-12	1.1/4

**GE - BT**

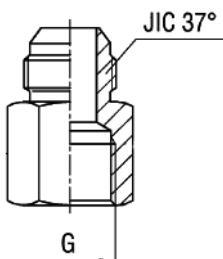
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	P [NPT]
				[mm]	[inch]		
Straight nipple, NPT (taper) thread  	350	HJ-GE-07-NT-02	HJ-GE-07-NT-02-SS	6	1/4	7/16-20	1/8
		HJ-GE-08-NT-02	HJ-GE-08-NT-02-SS	8	5/16	1/2-20	1/8
		HJ-GE-09-NT-04	HJ-GE-09-NT-04-SS	10	3/8	9/16-18	1/4
		HJ-GE-12-NT-06	HJ-GE-12-NT-06-SS	12	1/2	3/4-16	3/8
		HJ-GE-14-NT-08	HJ-GE-14-NT-08-SS	14-15-16	5/8	7/8-14	1/2
	HJ-GE-17-NT-12	HJ-GE-17-NT-12-SS	18-20	3/4	1.1/16-12	3/4	
	290	HJ-GE-21-NT-16	HJ-GE-21-NT-16-SS	25	1	1.5/16-12	1
	240	HJ-GE-26-NT-20	HJ-GE-26-NT-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
		HJ-GE-30-NT-24	HJ-GE-30-NT-24-SS	38	1.1/2	1.7/8-12	1.1/2
	350	HJ-GE-07-NT-04	HJ-GE-07-NT-04-SS	6	1/4	7/16-20	1/4
		HJ-GE-07-NT-06	HJ-GE-07-NT-06-SS	6	1/4	7/16-20	3/8
		HJ-GE-07-NT-08	HJ-GE-07-NT-08-SS	6	1/4	7/16-20	1/2
		HJ-GE-08-NT-04	HJ-GE-08-NT-04-SS	8	5/16	1/2-20	1/4
		HJ-GE-09-NT-02	HJ-GE-09-NT-02-SS	10	3/8	9/16-18	1/8
		HJ-GE-09-NT-06	HJ-GE-09-NT-06-SS	10	3/8	9/16-18	3/8
		HJ-GE-09-NT-08	HJ-GE-09-NT-08-SS	10	3/8	9/16-18	1/2
		HJ-GE-12-NT-04	HJ-GE-12-NT-04-SS	12	1/2	3/4-16	1/4
		HJ-GE-12-NT-08	HJ-GE-12-NT-08-SS	12	1/2	3/4-16	1/2
		HJ-GE-12-NT-12	HJ-GE-12-NT-12-SS	12	1/2	3/4-16	3/4
	HJ-GE-07-NT-21	HJ-GE-07-NT-21-SS	14-15-16	5/8	7/8-14	3/8	
	HJ-GE-14-NT-12	HJ-GE-14-NT-12-SS	14-15-16	5/8	7/8-14	3/4	
	HJ-GE-17-NT-08	HJ-GE-17-NT-08-SS	18-20	3/4	1.1/16-12	1/2	
	290	HJ-GE-17-NT-16	HJ-GE-17-NT-16-SS	18-20	3/4	1.1/16-12	1
		HJ-GE-21-NT-12	HJ-GE-21-NT-12-SS	25	1	1.5/16-12	3/4
	240	HJ-GE-26-NT-16	HJ-GE-26-NT-16-SS	30-32	1.1/4	1.5/8-12	1
		HJ-GE-30-NT-20	HJ-GE-30-NT-20-SS	38	1.1/2	1.7/8-12	1.1/4

**GE - NT**

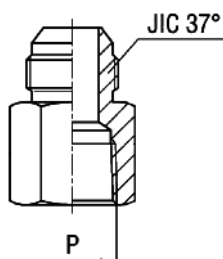
# HIGH PRESSURE - JIC 37° connectors

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	M [mm]
				[mm]	[inch]		
Straight nipple, metric thread  	350	HJ-GE-07-ME-10	-	6	1/4	7/16-20	10x1
		HJ-GE-08-ME-12	-	8	5/16	1/2-20	12x1.5
		HJ-GE-09-ME-14	-	10	3/8	9/16-18	14x1.5
		HJ-GE-12-ME-16	-	12	1/2	3/4-16	16x1.5
		HJ-GE-14-ME-22	-	14-15-16	5/8	7/8-14	22x1.5
		HJ-GE-17-ME-27	-	18-20	3/4	1.1/16-12	27x2
	290	HJ-GE-21-ME-33	-	25	1	1.5/16-12	33x2
	240	HJ-GE-26-ME-42	-	30-32	1.1/4	1.5/8-12	42x2
		HJ-GE-30-ME-48	-	38	1.1/2	1.7/8-12	48x2
	350	HJ-GE-07-ME-12	-	6	1/4	7/16-20	12x1.5
		HJ-GE-08-ME-10	-	8	5/16	1/2-20	10x1
		HJ-GE-08-ME-14	-	8	5/16	1/2-20	14x1.5
		HJ-GE-09-ME-16	-	10	3/8	9/16-18	16x1.5
		HJ-GE-12-ME-14	-	12	1/2	3/4-16	14x1.5
		HJ-GE-12-ME-18	-	12	1/2	3/4-16	18x1.5
		HJ-GE-14-ME-18	-	14-15-16	5/8	7/8-14	18x1.5
		HJ-GE-14-ME-20	-	14-15-16	5/8	7/8-14	20x1.5
	HJ-GE-17-ME-22	-	18-20	3/4	1.1/16-12	22x1.5	
HJ-GE-21-ME-27	-	25	1	1.5/16-12	27x2		

## GE - ME

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]
				[mm]	[inch]		
Straight fitting, BSP female thread  	350	HJ-GAI-07-B-02	HJ-GAI-07-B-02-SS	6	1/4	7/16-20	1/8
		HJ-GAI-08-B-02	HJ-GAI-08-B-02-SS	8	5/16	1/2-20	1/8
		HJ-GAI-09-B-04	HJ-GAI-09-B-04-SS	10	3/8	9/16-18	1/4
		HJ-GAI-12-B-06	HJ-GAI-12-B-06-SS	12	1/2	3/4-16	3/8
		HJ-GAI-14-B-08	HJ-GAI-14-B-08-SS	14-15-16	5/8	7/8-14	1/2
		HJ-GAI-17-B-12	HJ-GAI-17-B-12-SS	18-20	3/4	1.1/16-12	3/4
	290	HJ-GAI-21-B-16	HJ-GAI-21-B-16-SS	25	1	1.5/16-12	1
	240	HJ-GAI-26-B-20	HJ-GAI-26-B-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
		HJ-GAI-30-B-24	HJ-GAI-30-B-24-SS	38	1.1/2	1.7/8-12	1.1/2
	350	HJ-GAI-07-B-04	HJ-GAI-07-B-04-SS	6	1/4	7/16-20	1/4
		HJ-GAI-08-B-04	HJ-GAI-08-B-04-SS	8	5/16	1/2-20	1/4
		HJ-GAI-09-B-06	HJ-GAI-09-B-06-SS	10	3/8	9/16-18	3/8
		HJ-GAI-09-B-08	-	10	3/8	9/16-18	1/2
		HJ-GAI-12-B-04	-	12	1/2	3/4-16	1/4
		HJ-GAI-12-B-08	HJ-GAI-12-B-08-SS	12	1/2	3/4-16	1/2
		HJ-GAI-17-B-08	-	18-20	3/4	1.1/16-12	1/2
		HJ-GAI-26-B-16	-	30-32	1.1/4	1.5/8-12	1
	HJ-GAI-30-B-20	-	38	1.1/2	1.7/8-12	1.1/4	

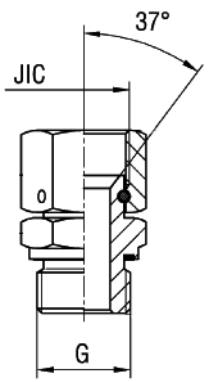
## GAI - B

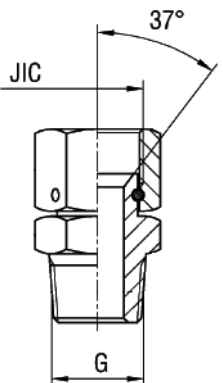
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	P [NPT]
				[mm]	[inch]		
Straight fitting, NPT female thread  	350	HJ-GAI-07-N-02	-	6	1/4	7/16-20	1/8
		HJ-GAI-08-N-02	-	8	5/16	1/2-20	1/8
		HJ-GAI-09-N-04	-	10	3/8	9/16-18	1/4
		HJ-GAI-12-N-06	-	12	1/2	3/4-16	3/8
		HJ-GAI-14-N-08	-	14-15-16	5/8	7/8-14	1/2
		HJ-GAI-17-N-12	-	18-20	3/4	1.1/16-12	3/4
	290	HJ-GAI-21-N-16	-	25	1	1.5/16-12	1
	240	HJ-GAI-26-N-20	-	30-32	1.1/4	1.5/8-12	1.1/4
		HJ-GAI-30-N-24	-	38	1.1/2	1.7/8-12	1.1/2
	350	HJ-GAI-07-N-04	-	6	1/4	7/16-20	1/4
		HJ-GAI-08-N-04	-	8	5/16	1/2-20	1/4
		HJ-GAI-09-N-06	-	10	3/8	9/16-18	3/8
		HJ-GAI-12-N-04	-	12	1/2	3/4-16	1/4
		HJ-GAI-12-N-08	-	12	1/2	3/4-16	1/2
HJ-GAI-17-N-08		-	18-20	3/4	1.1/16-12	1/2	

## GAI - N

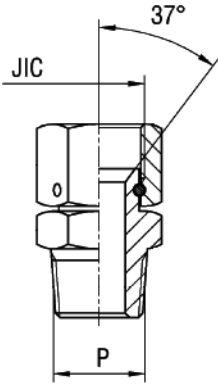


# HIGH PRESSURE - JIC 37° connectors

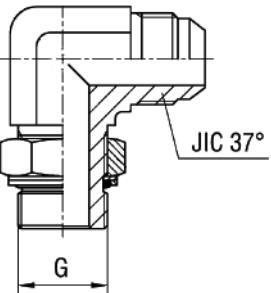
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]	
				[mm]	[inch]			
Straight fitting, BSP male thread  	350	HJ-EVGE-07-BE-02	HJ-EVGE-07-BE-02-SS	6	1/4	7/16-20	1/8	
		HJ-EVGE-08-BE-02	HJ-EVGE-08-BE-02-SS	8	5/16	1/2-20	1/8	
		HJ-EVGE-09-BE-04	HJ-EVGE-09-BE-04-SS	10	3/8	9/16-18	1/4	
		HJ-EVGE-12-BE-06	HJ-EVGE-12-BE-06-SS	12	1/2	3/4-16	3/8	
		HJ-EVGE-14-BE-08	HJ-EVGE-14-BE-08-SS	14-15-16	5/8	7/8-14	1/2	
		HJ-EVGE-17-BE-12	HJ-EVGE-17-BE-12-SS	18-20	3/4	1.1/16-12	3/4	
	290	HJ-EVGE-21-BE-16	HJ-EVGE-21-BE-16-SS	25	1	1.5/16-12	1	
	240	HJ-EVGE-26-BE-20	HJ-EVGE-26-BE-20-SS	30-32	1.1/4	1.5/8-12	1.1/4	
		HJ-EVGE-30-BE-24	HJ-EVGE-30-BE-24-SS	38	1.1/2	1.7/8-12	1.1/2	
	350	HJ-EVGE-07-BE-04	HJ-EVGE-07-BE-04-SS	6	1/4	7/16-20	1/4	
		HJ-EVGE-07-BE-06	-	6	1/4	7/16-20	3/8	
		HJ-EVGE-08-BE-04	HJ-EVGE-08-BE-04-SS	8	5/16	1/2-20	1/4	
		HJ-EVGE-08-BE-06	HJ-EVGE-08-BE-06-SS	8	5/16	1/2-20	3/8	
		HJ-EVGE-09-BE-06	HJ-EVGE-09-BE-06-SS	10	3/8	9/16-18	3/8	
		HJ-EVGE-09-BE-08	HJ-EVGE-09-BE-08-SS	10	3/8	9/16-18	1/2	
		HJ-EVGE-12-BE-04	HJ-EVGE-12-BE-04-SS	12	1/2	3/4-16	1/4	
		HJ-EVGE-12-BE-08	HJ-EVGE-12-BE-08-SS	12	1/2	3/4-16	1/2	
		HJ-EVGE-14-BE-06	HJ-EVGE-14-BE-06-SS	14-15-16	5/8	7/8-14	3/8	
		HJ-EVGE-14-BE-12	HJ-EVGE-14-BE-12-SS	14-15-16	5/8	7/8-14	3/4	
	290	HJ-EVGE-17-BE-08	HJ-EVGE-17-BE-08-SS	18-20	3/4	1.1/16-12	1/2	
		HJ-EVGE-17-BE-16	HJ-EVGE-17-BE-16-SS	18-20	3/4	1.1/16-12	1	
	240	HJ-EVGE-21-BE-12	HJ-EVGE-21-BE-12-SS	25	1	1.5/16-12	3/4	
		HJ-EVGE-21-BE-20	-	25	1	1.5/16-12	1.1/4	
		HJ-EVGE-26-BE-16	HJ-EVGE-26-BE-16-SS	30-32	1.1/4	1.5/8-12	1	
			HJ-EVGE-30-BE-20	HJ-EVGE-30-BE-20-SS	38	1.1/2	1.7/8-12	1.1/4

description	press. [bar]	code (carbon steel)	code (AISI 316)	JIC 37 [UN-UNF]	G [BSPT]
Straight fitting, BSPT male thread  	350	HJ-EVGE-07-BT-02	-	7/16-20	1/8
		HJ-EVGE-08-BT-02	-	1/2-20	1/8
		HJ-EVGE-09-BT-04	-	9/16-18	1/4
		HJ-EVGE-12-BT-06	-	3/4-16	3/8
		HJ-EVGE-14-BT-08	-	7/8-14	1/2
		HJ-EVGE-17-BT-12	-	1.1/16-12	3/4
	290	HJ-EVGE-21-BT-16	-	1.5/16-12	1
	240	HJ-EVGE-26-BT-20	-	1.5/8-12	1.1/4
		HJ-EVGE-30-BT-24	-	1.7/8-12	1.1/2
	350	HJ-EVGE-07-BT-04	-	7/16-20	1/4
		HJ-EVGE-08-BT-04	-	1/2-20	1/4
		HJ-EVGE-09-BT-06	-	9/16-18	3/8
		HJ-EVGE-12-BT-04	-	3/4-16	1/4
		HJ-EVGE-12-BT-08	-	3/4-16	1/2
		HJ-EVGE-14-BT-06	-	7/8-14	3/8
		HJ-EVGE-14-BT-12	-	7/8-14	3/4
	290	HJ-EVGE-17-BT-08	-	1.1/16-12	1/2
		HJ-EVGE-17-BT-16	-	1.1/16-12	1
		HJ-EVGE-21-BT-12	-	1.5/16-12	3/4

# HIGH PRESSURE - JIC 37° connectors

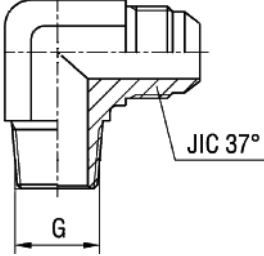
description	press. [bar]	code (carbon steel)	code (AISI 316)	JIC 37°	P
				[UN-UNF]	[NPT]
Straight fitting, NPT thread  	350	HJ-EVGE-07-NT-02	HJ-EVGE-07-NT-02-SS	7/16-20	1/8
		HJ-EVGE-08-NT-02	HJ-EVGE-08-NT-02-SS	1/2-20	1/8
		HJ-EVGE-09-NT-04	HJ-EVGE-09-NT-04-SS	9/16-18	1/4
		HJ-EVGE-12-NT-06	HJ-EVGE-12-NT-06-SS	3/4-16	3/8
		HJ-EVGE-14-NT-08	HJ-EVGE-14-NT-08-SS	7/8-14	1/2
	HJ-EVGE-17-NT-12	HJ-EVGE-17-NT-12-SS	1.1/16-12	3/4	
	290	HJ-EVGE-21-NT-16	HJ-EVGE-21-NT-16-SS	1.5/16-12	1
	240	HJ-EVGE-26-NT-20	HJ-EVGE-26-NT-20-SS	1.5/8-12	1.1/4
		HJ-EVGE-30-NT-24	HJ-EVGE-30-NT-24-SS	1.7/8-12	1.1/2
	350	HJ-EVGE-07-NT-04	HJ-EVGE-07-NT-04-SS	7/16-20	1/4
		HJ-EVGE-08-NT-04	HJ-EVGE-08-NT-04-SS	1/2-20	1/4
		HJ-EVGE-09-NT-02	HJ-EVGE-09-NT-02-SS	9/16-18	1/8
		HJ-EVGE-09-NT-06	HJ-EVGE-09-NT-06-SS	9/16-18	3/8
		HJ-EVGE-09-NT-08	HJ-EVGE-09-NT-08-SS	9/16-18	1/2
		HJ-EVGE-12-NT-04	HJ-EVGE-12-NT-04-SS	3/4-16	1/4
		HJ-EVGE-12-NT-08	HJ-EVGE-12-NT-08-SS	3/4-16	1/2
		HJ-EVGE-12-NT-12	HJ-EVGE-12-NT-12-SS	3/4-16	3/4
		HJ-EVGE-14-NT-06	HJ-EVGE-14-NT-06-SS	7/8-14	3/8
		HJ-EVGE-14-NT-12	HJ-EVGE-14-NT-12-SS	7/8-14	3/4
		HJ-EVGE-17-NT-08	HJ-EVGE-17-NT-08-SS	1.1/16-12	1/2
	290	HJ-EVGE-21-NT-12	HJ-EVGE-21-NT-12-SS	1.5/16-12	3/4
	240	HJ-EVGE-26-NT-16	HJ-EVGE-26-NT-16-SS	1.5/8-12	1

**EVGE - NT**

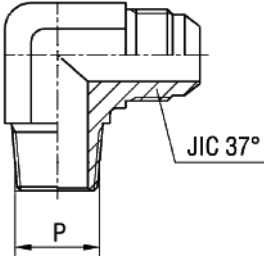
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]
				[mm]	[inch]		
Adjustable 90° elbow nipple, BSP thread, ISO 6199-G seal  	350	HJ-WE-07-BG-02	HJ-WE-07-BG-02-SS	6	1/4	7/16-20	1/8
	315	HJ-WE-08-BG-04	HJ-WE-08-BG-04-SS	8	5/16	1/2-20	1/4
		HJ-WE-09-BG-04	HJ-WE-09-BG-04-SS	10	3/8	9/16-18	1/4
	250	HJ-WE-12-BG-06	HJ-WE-12-BG-06-SS	12	1/2	3/4-16	3/8
		HJ-WE-14-BG-08	HJ-WE-14-BG-08-SS	14-15-16	5/8	7/8-14	1/2
		HJ-WE-17-BG-12	HJ-WE-17-BG-12-SS	18-20	3/4	1.1/16-12	3/4
	200	HJ-WE-21-BG-16	HJ-WE-21-BG-16-SS	25	1	1.5/16-12	1
		HJ-WE-26-BG-20	HJ-WE-26-BG-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
	160	HJ-WE-30-BG-24	HJ-WE-30-BG-24-SS	38	1.1/2	1.7/8-12	1.1/2
	315	HJ-WE-07-BG-04	HJ-WE-07-BG-04-SS	6	1/4	7/16-20	1/4
	250	HJ-WE-07-BG-06	-	6	1/4	7/16-20	3/8
		HJ-WE-07-BG-08	-	6	1/4	7/16-20	1/2
	350	HJ-WE-08-BG-02	-	8	5/16	1/2-20	1/8
		HJ-WE-08-BG-06	-	8	5/16	1/2-20	3/8
	250	HJ-WE-09-BG-06	HJ-WE-09-BG-06-SS	10	3/8	9/16-18	3/8
		HJ-WE-09-BG-08	HJ-WE-09-BG-08-SS	10	3/8	9/16-18	1/2
		HJ-WE-12-BG-04	-	12	1/2	3/4-16	1/4
	250	HJ-WE-12-BG-08	HJ-WE-12-BG-08-SS	12	1/2	3/4-16	1/2
		HJ-WE-12-BG-12	-	12	1/2	3/4-16	3/4
		HJ-WE-14-BG-06	-	14-15-16	5/8	7/8-14	3/8
		HJ-WE-14-BG-12	-	14-15-16	5/8	7/8-14	3/4
		HJ-WE-17-BG-08	HJ-WE-17-BG-08-SS	18-20	3/4	1.1/16-12	1/2
	200	HJ-WE-17-BG-16	-	18-20	3/4	1.1/16-12	1
	250	HJ-WE-21-BG-12	-	25	1	1.5/16-12	3/4
200	HJ-WE-21-BG-20	-	25	1	1.5/16-12	1.1/4	
	HJ-WE-26-BG-16	-	30-32	1.1/4	1.5/8-12	1	
	HJ-WE-30-BG-20	-	38	1.1/2	1.7/8-12	1.1/4	

**WE - BG**

# HIGH PRESSURE - JIC 37° connectors

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSPT]
				[mm]	[inch]		
90° elbow nipple, BSPT (taper) thread  	350	HJ-WE-07-BT-02	HJ-WE-07-BT-02-SS	6	1/4	7/16-20	1/8
		HJ-WE-08-BT-02	HJ-WE-08-BT-02-SS	8	5/16	1/2-20	1/8
		HJ-WE-09-BT-04	HJ-WE-09-BT-04-SS	10	3/8	9/16-18	1/4
		HJ-WE-12-BT-06	HJ-WE-12-BT-06-SS	12	1/2	3/4-16	3/8
		HJ-WE-14-BT-08	HJ-WE-14-BT-08-SS	14-15-16	5/8	7/8-14	1/2
	290	HJ-WE-17-BT-12	HJ-WE-17-BT-12-SS	18-20	3/4	1.1/16-12	3/4
	240	HJ-WE-21-BT-16	HJ-WE-21-BT-16-SS	25	1	1.5/16-12	1
		HJ-WE-26-BT-20	HJ-WE-26-BT-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
	350	HJ-WE-30-BT-24	HJ-WE-30-BT-24-SS	38	1.1/2	1.7/8-12	1.1/2
		HJ-WE-07-BT-04	HJ-WE-07-BT-04-SS	6	1/4	7/16-20	1/4
		HJ-WE-08-BT-04	HJ-WE-08-BT-04-SS	8	5/16	1/2-20	1/4
		HJ-WE-09-BT-02	HJ-WE-09-BT-02-SS	10	3/8	9/16-18	1/8
		HJ-WE-09-BT-06	HJ-WE-09-BT-06-SS	10	3/8	9/16-18	3/8
		HJ-WE-09-BT-08	HJ-WE-09-BT-08-SS	10	3/8	9/16-18	1/2
		HJ-WE-12-BT-04	HJ-WE-12-BT-04-SS	12	1/2	3/4-16	1/4
		HJ-WE-12-BT-08	HJ-WE-12-BT-08-SS	12	1/2	3/4-16	1/2
		HJ-WE-12-BT-12	-	12	1/2	3/4-16	3/4
		HJ-WE-14-BT-06	HJ-WE-14-BT-06-SS	14-15-16	5/8	7/8-14	3/8
		HJ-WE-14-BT-12	HJ-WE-14-BT-12-SS	14-15-16	5/8	7/8-14	3/4
		HJ-WE-17-BT-08	HJ-WE-17-BT-08-SS	18-20	3/4	1.1/16-12	1/2
		290	HJ-WE-17-BT-16	HJ-WE-17-BT-16-SS	18-20	3/4	1.1/16-12
	HJ-WE-21-BT-12		HJ-WE-21-BT-12-SS	25	1	1.5/16-12	3/4
	240	HJ-WE-26-BT-16	HJ-WE-26-BT-16-SS	30-32	1.1/4	1.5/8-12	1

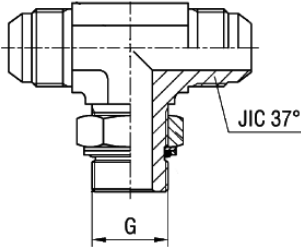
**WE - BT**

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	P [NPT]
				[mm]	[inch]		
90° elbow nipple, NPT (taper) thread  	350	HJ-WE-07-NT-02	HJ-WE-07-NT-02-SS	6	1/4	7/16-20	1/8
		HJ-WE-08-NT-02	HJ-WE-08-NT-02-SS	8	5/16	1/2-20	1/8
		HJ-WE-09-NT-04	HJ-WE-09-NT-04-SS	10	3/8	9/16-18	1/4
		HJ-WE-12-NT-06	HJ-WE-12-NT-06-SS	12	1/2	3/4-16	3/8
		HJ-WE-14-NT-08	HJ-WE-14-NT-08-SS	14-15-16	5/8	7/8-14	1/2
	290	HJ-WE-17-NT-12	HJ-WE-17-NT-12-SS	18-20	3/4	1.1/16-12	3/4
	240	HJ-WE-21-NT-16	HJ-WE-21-NT-16-SS	25	1	1.5/16-12	1
		HJ-WE-26-NT-20	HJ-WE-26-NT-20-SS	30-32	1.1/4	1.5/8-12	1.1/4
	350	HJ-WE-30-NT-24	HJ-WE-30-NT-24-SS	38	1.1/2	1.7/8-12	1.1/2
		HJ-WE-07-NT-04	HJ-WE-07-NT-04-SS	6	1/4	7/16-20	1/4
		HJ-WE-07-NT-06	HJ-WE-07-NT-06-SS	6	1/4	7/16-20	3/8
		HJ-WE-07-NT-08	-	6	1/4	7/16-20	1/2
		HJ-WE-08-NT-04	HJ-WE-08-NT-04-SS	8	5/16	1/2-20	1/4
		HJ-WE-09-NT-02	HJ-WE-09-NT-02-SS	10	3/8	9/16-18	1/8
		HJ-WE-09-NT-06	HJ-WE-09-NT-06-SS	10	3/8	9/16-18	3/8
		HJ-WE-09-NT-08	HJ-WE-09-NT-08-SS	10	3/8	9/16-18	1/2
		HJ-WE-12-NT-04	HJ-WE-12-NT-04-SS	12	1/2	3/4-16	1/4
		HJ-WE-12-NT-08	HJ-WE-12-NT-08-SS	12	1/2	3/4-16	1/2
		HJ-WE-12-NT-12	-	12	1/2	3/4-16	3/4
		HJ-WE-14-NT-06	HJ-WE-14-NT-06-SS	14-15-16	5/8	7/8-14	3/8
		HJ-WE-14-NT-12	HJ-WE-14-NT-12-SS	14-15-16	5/8	7/8-14	3/4
	HJ-WE-17-NT-08	HJ-WE-17-NT-08-SS	18-20	3/4	1.1/16-12	1/2	
	290	HJ-WE-17-NT-16	HJ-WE-17-NT-16-SS	18-20	3/4	1.1/16-12	1
		HJ-WE-21-NT-12	HJ-WE-21-NT-12-SS	25	1	1.5/16-12	3/4
	240	HJ-WE-21-NT-20	-	25	1	1.5/16-12	1.1/4
		HJ-WE-26-NT-16	HJ-WE-26-NT-16-SS	30-32	1.1/4	1.5/8-12	1
HJ-WE-26-NT-24		-	30-32	1.1/4	1.5/8-12	1.1/2	
HJ-WE-30-NT-20	HJ-WE-30-NT-20-SS	38	1.1/2	1.7/8-12	1.1/4		

**WE - NT**

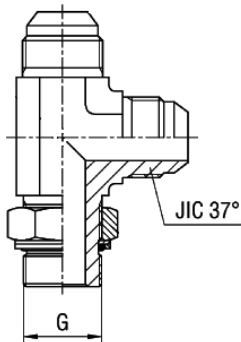
# HIGH PRESSURE - JIC 37° connectors

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]
				[mm]	[inch]		
Adjustable tee nipple, BSP thread, ISO 6149-G seal	350	HJ-TE-07-BG-02	-	6	1/4	7/16-20	1/8
	315	HJ-TE-08-BG-04	-	8	5/16	1/2-20	1/4
		HJ-TE-09-BG-04	-	10	3/8	9/16-18	1/4
	250	HJ-TE-12-BG-06	-	12	1/2	3/4-16	3/8
		HJ-TE-14-BG-08	-	14-15-16	5/8	7/8-14	1/2
		HJ-TE-17-BG-12	-	18-20	3/4	1.1/16-12	3/4
	200	HJ-TE-21-BG-16	-	25	1	1.5/16-12	1
		HJ-TE-26-BG-20	-	30-32	1.1/4	1.5/8-12	1.1/4
	160	HJ-TE-30-BG-24	-	38	1.1/2	17/8-12	1.1/2
	315	HJ-TE-07-BG-04	-	6	1/4	7/16-20	1/4
	250	HJ-TE-07-BG-06	-	6	1/4	7/16-20	3/8
		HJ-TE-07-BG-08	-	6	1/4	7/16-20	1/2
	350	HJ-TE-08-BG-02	-	8	5/16	1/2-20	1/8
	250	HJ-TE-08-BG-06	-	8	5/16	1/2-20	3/8
		HJ-TE-09-BG-06	-	10	3/8	9/16-18	3/8
		HJ-TE-09-BG-08	-	10	3/8	9/16-18	1/2
	315	HJ-TE-12-BG-04	-	12	1/2	3/4-16	1/4
	250	HJ-TE-12-BG-08	-	12	1/2	3/4-16	1/2
		HJ-TE-12-BG-12	-	12	1/2	3/4-16	3/4
		HJ-TE-14-BG-06	-	14-15-16	5/8	7/8-14	3/8
		HJ-TE-14-BG-12	-	14-15-16	5/8	7/8-14	3/4
		HJ-TE-17-BG-08	-	18-20	3/4	1.1/16-12	1/2
	200	HJ-TE-17-BG-16	-	18-20	3/4	1.1/16-12	1
	250	HJ-TE-21-BG-12	-	25	1	1.5/16-12	3/4
	200	HJ-TE-21-BG-20	-	25	1	1.5/16-12	1.1/4
		HJ-TE-26-BG-16	-	30-32	1.1/4	1.5/8-12	1
		HJ-TE-30-BG-20	-	38	1.1/2	1.7/8-12	1.1/4



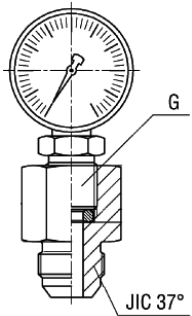
**TE - BG**

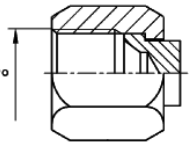
description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]
				[mm]	[inch]		
Adjustable tee nipple, BSP thread, ISO 6149-G seal	350	HJ-LE-07-BG-02	-	6	1/4	7/16-20	1/8
	315	HJ-LE-08-BG-04	-	8	5/16	1/2-20	1/4
		HJ-LE-09-BG-04	-	10	3/8	9/16-18	1/4
	250	HJ-LE-12-BG-06	-	12	1/2	3/4-16	3/8
		HJ-LE-14-BG-08	-	14-15-16	5/8	7/8-14	1/2
		HJ-LE-17-BG-12	-	18-20	3/4	1.1/16-12	3/4
	200	HJ-LE-21-BG-16	-	25	1	1.5/16-12	1
		HJ-LE-26-BG-20	-	30-32	1.1/4	1.5/8-12	1.1/4
	160	HJ-LE-30-BG-24	-	38	1.1/2	1.7/8-12	1.1/2
	315	HJ-LE-07-BG-04	-	6	1/4	7/16-20	1/4
	250	HJ-LE-07-BG-06	-	6	1/4	7/16-20	3/8
		HJ-LE-07-BG-08	-	6	1/4	7/16-20	1/2
	350	HJ-LE-08-BG-02	-	8	5/16	1/2-20	1/8
	250	HJ-LE-08-BG-06	-	8	5/16	1/2-20	3/8
		HJ-LE-09-BG-06	-	10	3/8	9/16-18	3/8
		HJ-LE-09-BG-08	-	10	3/8	9/16-18	1/2
	315	HJ-LE-12-BG-04	-	12	1/2	3/4-16	1/4
	250	HJ-LE-12-BG-08	-	12	1/2	3/4-16	1/2
		HJ-LE-12-BG-12	-	12	1/2	3/4-16	3/4
		HJ-LE-14-BG-06	-	14-15-16	5/8	7/8-14	3/8
		HJ-LE-14-BG-12	-	14-15-16	5/8	7/8-14	3/4
		HJ-LE-17-BG-08	-	18-20	3/4	1.1/16-12	1/2
	200	HJ-LE-17-BG-16	-	18-20	3/4	1.1/16-12	1
	250	HJ-LE-21-BG-12	-	25	1	1.5/16-12	3/4
	200	HJ-LE-21-BG-20	-	25	1	1.5/16-12	1.1/4
		HJ-LE-26-BG-16	-	30-32	1.1/4	1.5/8-12	1
		HJ-LE-30-BG-20	-	38	1.1/2	1.7/8-12	1.1/4

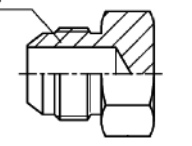


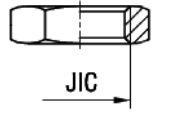
**LE - BG**

# HIGH PRESSURE - JIC 37° connectors

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]	G [BSP]
				[mm]	[inch]		
Gauge fitting   <b>MAV</b>	350	HJ-MAV-07-04	HJ-MAV-07-04-SS	6	1/4	7/16-20	1/4
		HJ-MAV-08-04	HJ-MAV-08-04-SS	8	5/16	1/2-20	1/4
		HJ-MAV-09-04	HJ-MAV-09-04-SS	10	3/8	9/16-18	1/4
		HJ-MAV-12-04	HJ-MAV-12-04-SS	12	1/2	3/4-16	1/4
		HJ-MAV-07-08	HJ-MAV-07-08-SS	6	1/4	7/16-20	1/2
		HJ-MAV-08-08	HJ-MAV-08-08-SS	8	5/16	1/2-20	1/2
		HJ-MAV-09-08	HJ-MAV-09-08-SS	10	3/8	9/16-18	1/2
		HJ-MAV-12-08	HJ-MAV-12-08-SS	12	1/2	3/4-16	1/2

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Plug, female thread   <b>VKA</b>	450	HJ-VKA-07	HJ-VKA-07-SS	6	1/4	7/16-20
		HJ-VKA-08	HJ-VKA-08-SS	8	5/16	1/2-20
	350	HJ-VKA-09	HJ-VKA-09-SS	10	3/8	9/16-18
		HJ-VKA-12	HJ-VKA-12-SS	12	1/2	3/4-16
		HJ-VKA-14	HJ-VKA-14-SS	14-15-16	5/8	7/8-14
		HJ-VKA-17	HJ-VKA-17-SS	18-20	3/4	1.1/16-12
	290	HJ-VKA-21	HJ-VKA-21-SS	25	1	1.5/16-12
	240	HJ-VKA-26	HJ-VKA-26-SS	30-32	1.1/4	1.5/8-12
		HJ-VKA-30	HJ-VKA-30-SS	38	1.1/2	1.7/8-12

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Plug, male thread   <b>ROV</b>	450	HJ-ROV-07	HJ-ROV-07-SS	6	1/4	7/16-20
		HJ-ROV-08	HJ-ROV-08-SS	8	5/16	1/2-20
	350	HJ-ROV-09	HJ-ROV-09-SS	10	3/8	9/16-18
		HJ-ROV-12	HJ-ROV-12-SS	12	1/2	3/4-16
		HJ-ROV-14	HJ-ROV-14-SS	14-15-16	5/8	7/8-14
		HJ-ROV-17	HJ-ROV-17-SS	18-20	3/4	1.1/16-12
	290	HJ-ROV-21	HJ-ROV-21-SS	25	1	1.5/16-12
	240	HJ-ROV-26	HJ-ROV-26-SS	30-32	1.1/4	1.5/8-12
		HJ-ROV-30	HJ-ROV-30-SS	38	1.1/2	1.7/8-12

description	press. [bar]	code (carbon steel)	code (AISI 316)	pipe O.D.		JIC 37° [UN-UNF]
				[mm]	[inch]	
Flat nut for bulkhead connectors   <b>MP</b>	450	HJ-MP-07	-	6	1/4	7/16-20
		HJ-MP-08	-	8	5/16	1/2-20
	350	HJ-MP-09	-	10	3/8	9/16-18
		HJ-MP-12	-	12	1/2	3/4-16
		HJ-MP-14	-	14-15-16	5/8	7/8-14
		HJ-MP-17	-	18-20	3/4	1.1/16-12
	290	HJ-MP-21	-	25	1	1.5/16-12
	240	HJ-MP-26	-	30-32	1.1/4	1.5/8-12
		HJ-MP-30	-	38	1.1/2	1.7/8-12