

We · support · the
innovations · of · customers

Leak - Proof Flow & Control Solution Partner

The Best Partner
for Value Creation

S-LOK® 37° Flared Tube Fittings

HanSun

한선엔지니어링(주)
HANSUN ENGINEERING CO., LTD.

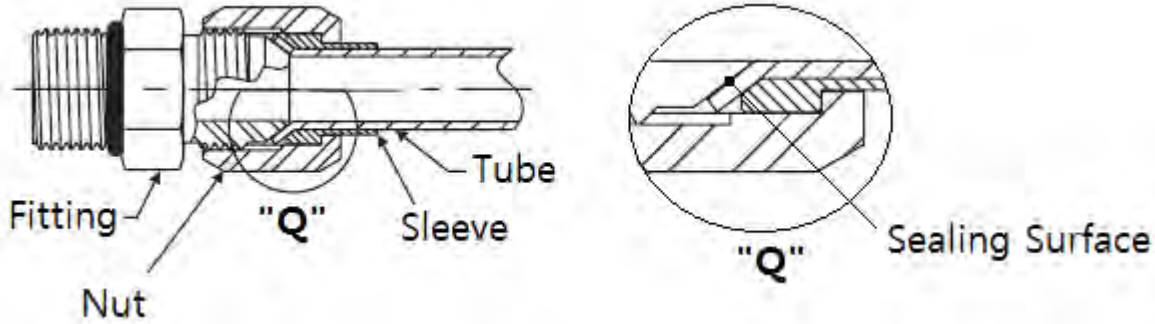


HanSun

Information

SAE J514

Design Standard



- ▶ S-LOK 37° flared tube fittings consists of body, sleeve and nut and meets the requirements of SAE J514 and ISO 8434-2 Standards.
- ▶ NPT Tapered Pipe Threads meet the requirements of ASME/ANSI B 1.20.1.

Material Standards

Materials / Material designator	Body		Nut & Sleeve	Applicable Tubing Spec.
	Bar Stock	Forging		
Stainless Steel 316 / S6 (S6L)	ASTM A276/A479 Type 316(316L)	ASTM A182 F316(F316L)	ASTM A276/A479 Type 316(316L)	ASTM A269/A213

Working Pressure Ratings

Nom. SAE Dash Size	Tube O.D				SAE St. Thread	Union & Bulkhead		Fitting with Female Swivel		Fitting with Pipe Thread	
	Inch	Designator	mm	Designator		psi	bar	psi	bar	psi	bar
1/8	1/8	2	3	3M	5/16 - 24	5000	345	5000	345	5000	345
3	3/16	3	4	4M	3/8 - 24	5000	345	5000	345	5000	345
4	1/4	4	6	6M	7/16 - 20	5000	345	4500	310	5000	345
5	5/16	5	8	8M	1/2 - 20	5000	345	4000	275	5000	345
6	3/8	6	10	10M	9/16 - 18	5000	345	4000	275	4000	275
8	1/2	8	12	12M	3/4 - 16	4500	310	4000	275	3000	210
10	5/8	10	16	16M	7/8 - 14	3500	240	3000	210	3000	210
12	3/4	12	18,20	18M,20M	1 1/16 - 12	3500	240	3000	210	2500	170
14	7/8	14	22	22M	1 3/16 - 12	3000	210	2500	170	2500	170
16	1	16	25	25M	1 5/16 - 12	3000	210	2500	170	2000	140
20	1 1/4	20	32	32M	1 5/8 - 12	2500	170	2000	140	1150	80
24	1 1/2	24	38	38M	1 7/8 - 12	2000	140	1500	105	1000	70
32	2	36	50	50M	2 1/2 - 12	1500	105	1125	80	1000	70

Information

SAE J514

Threads & Thread Symbol Designators

Pipe Thread Designators

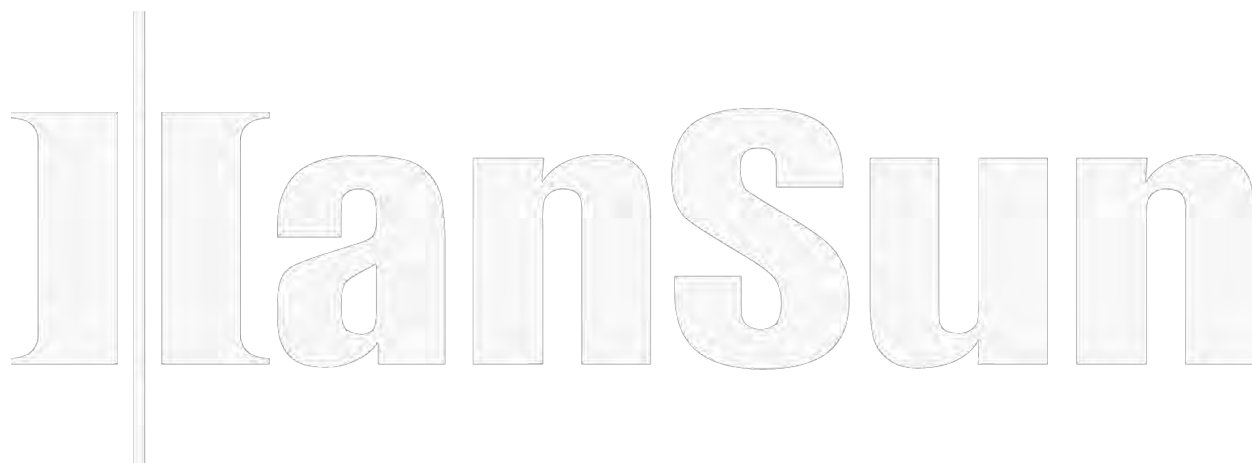
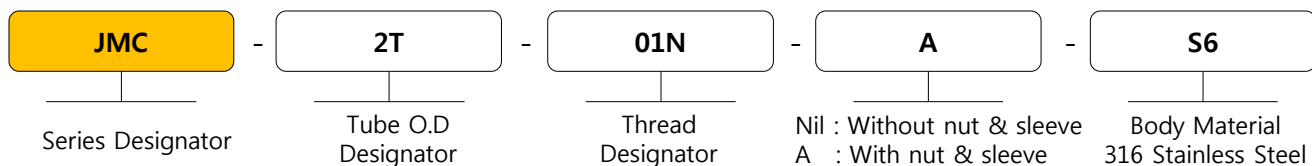
Thread type	Standard	Symbol	Size								
			1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
NPT	ASME/ANSI B 1.20.1	N	01N	02N	03N	04N	06N	08N	10N	12N	16N
PT	ISO 7-1, BS 21, JIS B 0203	R	01R	02R	03R	04R	06R	08R	10R	12R	16R
PF	ISO 228-1, BS 2779, JIS B 0202	G	01G	02G	03G	04G	06G	08G	10G	12G	16G

Unified Thread Designators

Thread type	Standard	Symbol	Size												
			5/16	3/8	7/16	1/2	9/16	5/8	7/8	1 1/16	1 3/16	1 5/16	1 5/8	1 7/8	2 1/2
UN	ASME B 1.1	U	02U	03U	04U	05U	06U	08U	10U	12U	14U	16U	20U	24U	32U

Ordering Information

Selection the applicable options from designators listed.



Part Variations

SAE J514

Tube to Tube Union

	Union JU	5
	Union Elbow JL	6
	Union Tee JT	7
	Union Cross JX	8
	Bulkhead Union JUB	9
	Weld Bulkhead Union JUBW	10
	Bulkhead Union Elbow JBL	11

Tube to Male Pipe

	Male Connector JMC	12
	Male Elbow JLM	13
	Male Run Tee JTRM	14
	Male Branch Tee JTBM	15
	45D Male Elbow JLBM	16

Tube to Female Pipe

	Bulkhead Female Connector JCBF	17
	Female Connector JCBF	18
	Female Elbow JLF	19
	Female Run Tee JTRF	20
	Female Branch Tee JTBF	21

Tube to Straight Thread

	O-Seal Male Connector (PF) JMCS-G	22
	O-Seal Male Connector (UNF) JMCS-U	23
	O-Seal Male Elbow (UNF) JLS-U	24
	O-Seal 45D Elbow (UNF) JLBS-U	25
	O-Seal Run Tee (UNF) JTRS-U	26
	O-Seal Branch Tee (UNF) JTBS-U	27

Swivel Fittings

	Swivel Connector JSMC	28
	O-Seal Swivel Connector (UNF) JSMCS-U	29
	Swivel Female Connector JSCF	30
	Swivel Elbow JSL	31
	Swivel Run Tee JSTR	32
	Swivel Branch Tee JSTB	33

Spare Parts

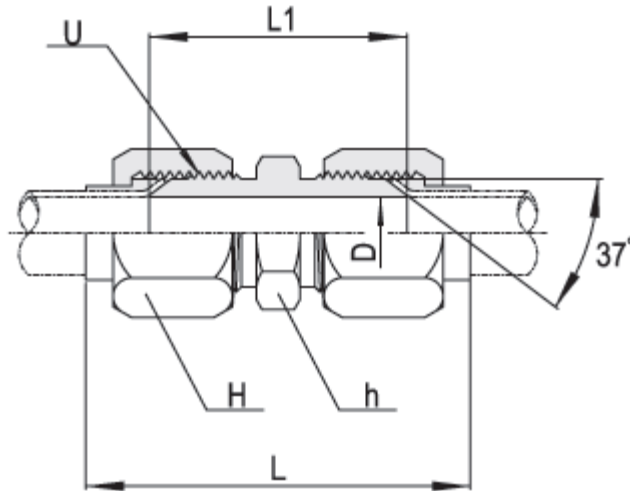
	Nut JN	34
	Sleeve JS	34
	Plug JP	35
	Plug of Fitting Port JPP	35
	Fitting Port Reducer JPR	36
	Bulkhead Lock Nut JLN	36

Tube to Tube Union

SAE J514

► Union

JU



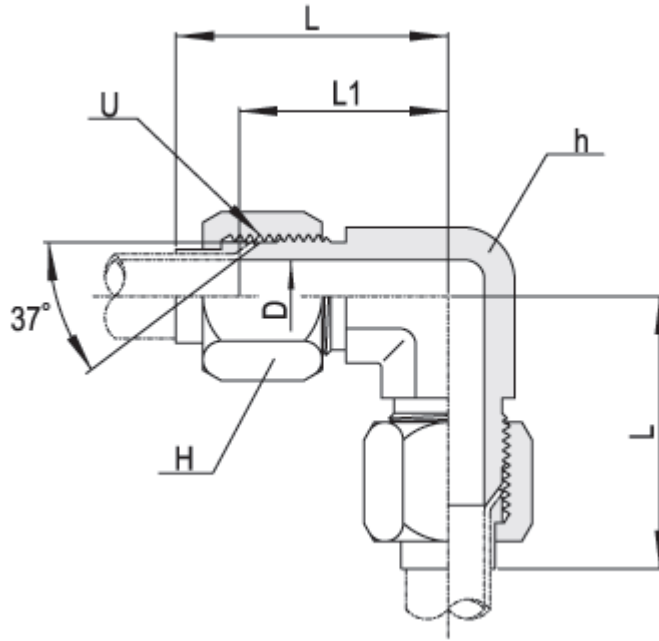
Part No.	Tube O.D.		U(UNF)	D	L	L1	h (hex)	H (hex)
	Inch	mm						
JU-2T	1/8"	3	5/16"-24	1.6	45.3	29.7	11.0	9.5
JU-3T	3/16"	4	3/8"-24	3.2	50.0	31.2	11.0	11.0
JU-4T	1/4"	6	7/16"-20	4.4	53.0	34.8	12.0	14.3
JU-5T	5/16"	8	1/2"-20	6.0	55.6	34.8	14.3	15.8
JU-6T	3/8"	10	9/16"-18	7.5	59.6	35.8	16.0	17.4
JU-8T	1/2"	12	3/4"-16	9.9	66.5	41.1	21.0	22.2
JU-10T	5/8"	16	7/8"-14	12.3	81.0	47.8	23.8	25.4
JU-12T	3/4"	18,20	1 1/16"-12	15.5	85.9	54.9	29.0	31.7
JU-14T	7/8"	22	1 3/16"-12	18.0	91.3	56.1	32.0	34.9
JU-16T	1"	25	1 5/16"-12	21.5	95.2	57.2	36.0	38.1
JU-20T	1-1/4"	32	1 5/8"-12	27.5	98.7	61.7	46.0	50.8
JU-24T	1-1/2"	38	1 7/8"-12	33.0	123.2	69.8	50.0	57.1
JU-32T	2"	50	2 1/2"-12	45.0	141.4	86.4	66.7	73.0

Tube to Tube Union

SAE J514

► Union Elbow

JL



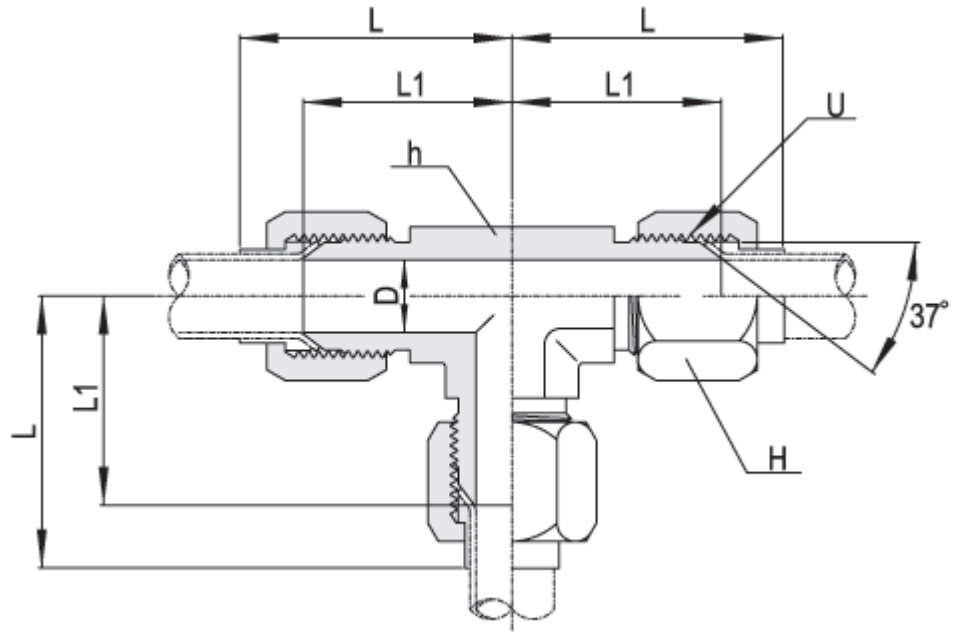
Part No.	Tube O.D.		U(UNF)	D	L	L1	h (hex)	H (hex)
	Inch	mm						
JL-2T	1/8"	3	5/16"-24	1.6	27.4	19.6	11.1	9.5
JL-3T	3/16"	4	3/8"-24	3.2	30.5	21.1	11.1	11.0
JL-4T	1/4"	6	7/16"-20	4.4	31.7	22.6	11.1	14.3
JL-5T	5/16"	8	1/2"-20	6.0	34.5	24.1	14.3	15.8
JL-6T	3/8"	10	9/16"-18	7.5	38.8	26.9	14.3	17.4
JL-8T	1/2"	12	3/4"-16	9.9	44.5	31.8	19.0	22.2
JL-10T	5/8"	16	7/8"-14	12.3	53.4	36.8	22.2	25.4
JL-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	42.2	27.0	31.7
JL-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.7	33.3	34.9
JL-16T	1"	25	1 5/16"-12	21.5	65.0	46.0	33.3	38.1
JL-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	52.3	41.3	50.8
JL-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	59.2	47.6	57.1
JL-32T	2"	50	2 1/2"-12	45.0	105.2	77.7	63.5	73.0

Tube to Tube Union

SAE J514

► Union Tee

JT



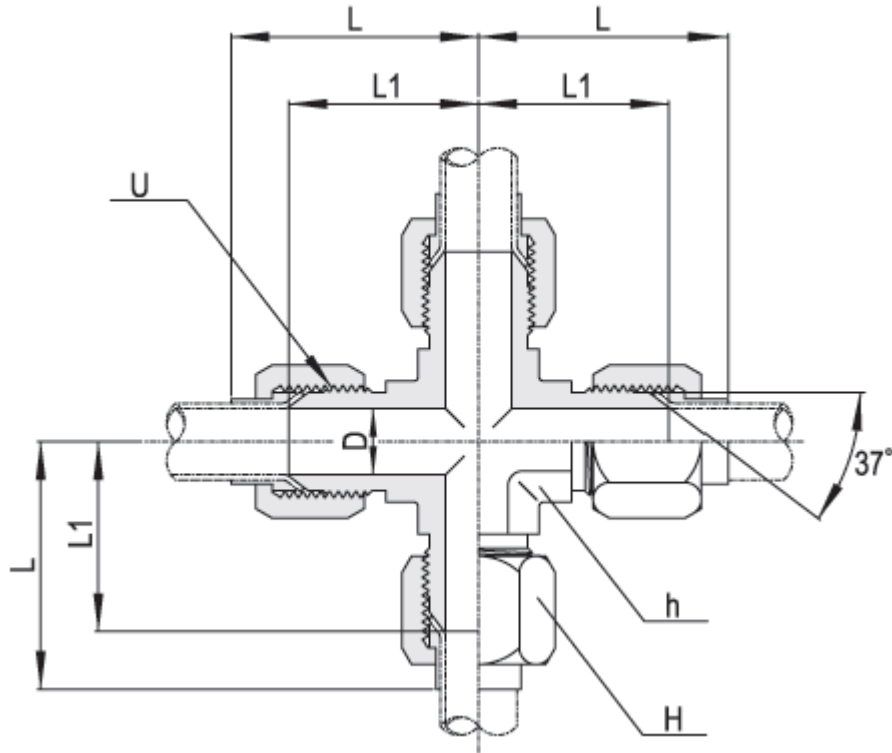
Part No.	Tube O.D.		U(UNF)	D	L	L1	h (hex)	H (hex)
	Inch	mm						
JT-2T	1/8"	3	5/16"-24	1.6	27.4	19.6	11.1	9.5
JT-3T	3/16"	4	3/8"-24	3.2	30.5	21.1	11.1	11.0
JT-4T	1/4"	6	7/16"-20	4.4	31.7	22.6	11.1	14.3
JT-5T	5/16"	8	1/2"-20	6.0	34.5	24.1	14.3	15.8
JT-6T	3/8"	10	9/16"-18	7.5	38.8	26.9	14.3	17.4
JT-8T	1/2"	12	3/4"-16	9.9	44.5	31.8	19.0	22.2
JT-10T	5/8"	16	7/8"-14	12.3	53.4	36.8	22.2	25.4
JT-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	42.2	27.0	31.7
JT-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.7	33.3	34.9
JT-16T	1"	25	1 5/16"-12	21.5	65.0	46.0	33.3	38.1
JT-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	52.3	41.3	50.8
JT-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	59.2	47.6	57.1
JT-32T	2"	50	2 1/2"-12	45.0	105.2	77.7	63.5	73.0

Tube to Tube Union

SAE J514

► Union Cross

JX



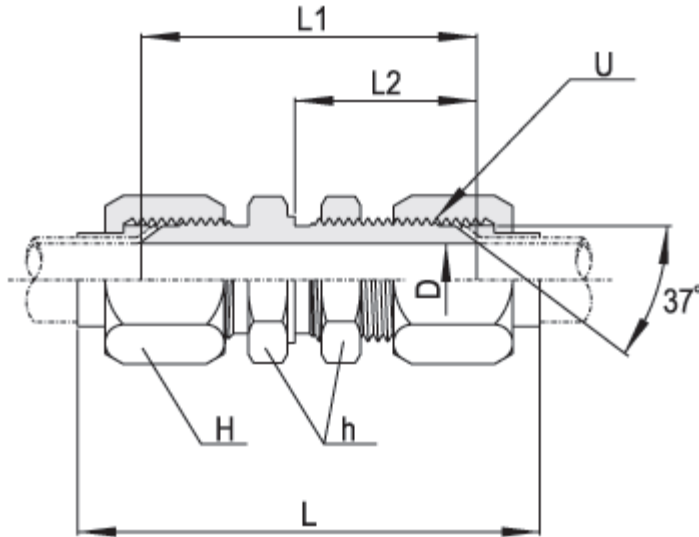
Part No.	Tube O.D.		U(UNF)	D	L	L1	h (hex)	H (hex)
	Inch	mm						
JX-2T	1/8"	3	5/16"-24	1.6	27.4	19.6	11.1	9.5
JX-3T	3/16"	4	3/8"-24	3.2	30.5	21.1	11.1	11.0
JX-4T	1/4"	6	7/16"-20	4.4	31.7	22.6	11.1	14.3
JX-5T	5/16"	8	1/2"-20	6.0	34.5	24.1	14.3	15.8
JX-6T	3/8"	10	9/16"-18	7.5	38.8	26.9	14.3	17.4
JX-8T	1/2"	12	3/4"-16	9.9	44.5	31.8	19.0	22.2
JX-10T	5/8"	16	7/8"-14	12.3	53.4	36.8	22.2	25.4
JX-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	42.2	27.0	31.7
JX-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.7	33.3	34.9
JX-16T	1"	25	1 5/16"-12	21.5	65.0	46.0	33.3	38.1
JX-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	52.3	41.3	50.8
JX-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	59.2	47.6	57.1
JX-32T	2"	50	2 1/2"-12	45.0	105.2	77.7	63.5	73.0

Tube to Tube Union

SAE J514

► Bulkhead Union

JUB



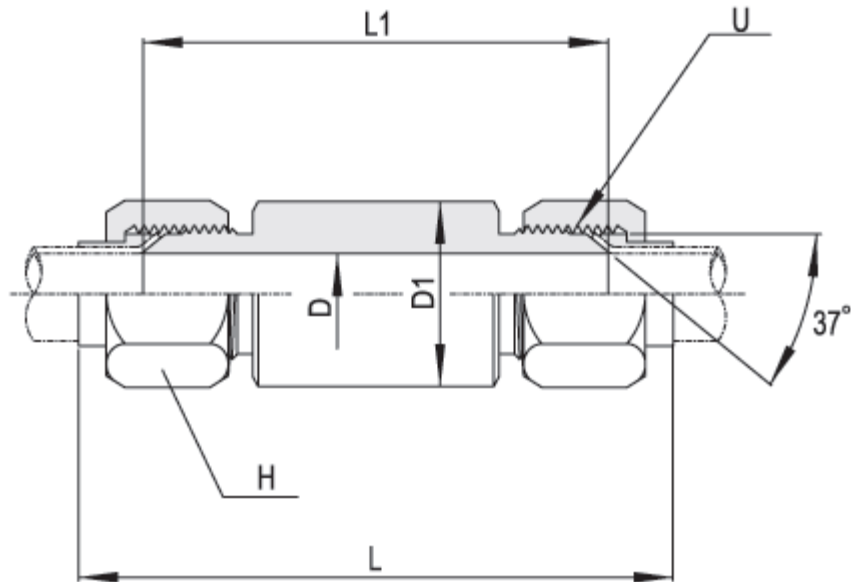
Part No.	Tube O.D		U(UNF)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm							
JBU-2T	1/8"	3	5/16"-24	1.6	63.1	47.5	28.2	14.3	9.5
JBU-3T	3/16"	4	3/8"-24	3.2	67.1	48.3	28.2	15.8	11.0
JBU-4T	1/4"	6	7/16"-20	4.4	70.8	52.6	30.5	17.4	14.3
JBU-5T	5/16"	8	1/2"-20	6.0	73.4	52.6	30.5	19.0	15.8
JBU-6T	3/8"	10	9/16"-18	7.5	79.2	55.4	32.5	20.6	17.4
JBU-8T	1/2"	12	3/4"-16	9.9	87.4	62.0	36.6	25.4	22.2
JBU-10T	5/8"	16	7/8"-14	12.3	102.8	69.6	40.1	28.5	25.4
JBU-12T	3/4"	18,20	1 1/16"-12	15.5	109.5	78.5	44.4	34.9	31.7
JBU-14T	7/8"	22	1 3/16"-12	18.0	114.4	79.2	44.4	38.1	34.9
JBU-16T	1"	25	1 5/16"-12	21.5	117.8	79.8	44.4	41.2	38.1
JBU-20T	1-1/4"	32	1 5/8"-12	27.5	121.1	84.1	45.7	47.6	50.8
JBU-24T	1-1/2"	38	1 7/8"-12	33.0	142.8	89.4	46.0	53.9	57.1
JBU-32T	2"	50	2 1/2"-12	45.0	161.7	106.7	53.1	69.8	73.0

Tube to Tube Union

SAE J514

► Weld Bulkhead Union

JUBW



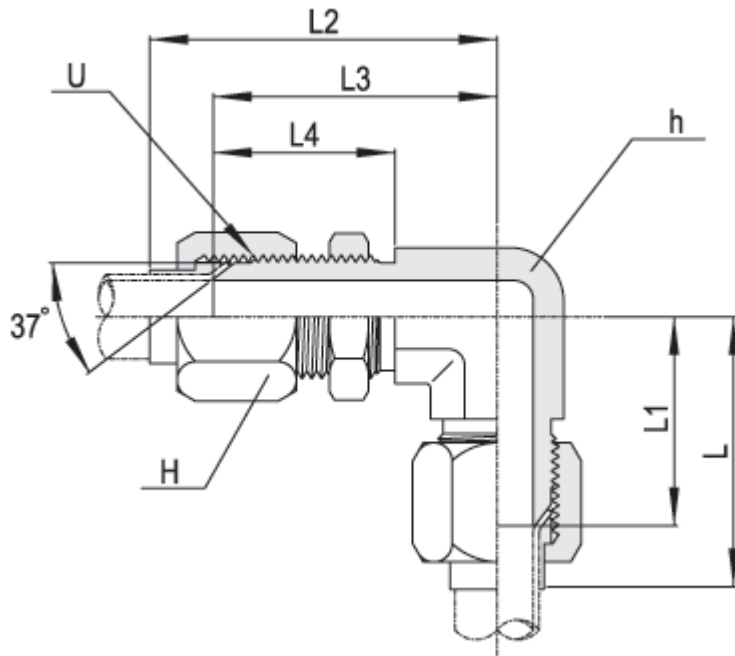
Part No.	Tube O.D		U(UNF)	D	D1	L	L1	H (hex)
	Inch	mm						
JBU-2T	1/8"	3	5/16"-24	1.6	11.0	85.6	70.0	9.5
JBU-3T	3/16"	4	3/8"-24	3.2	11.0	88.8	70.0	11.0
JBU-4T	1/4"	6	7/16"-20	4.4	14.0	98.2	80.0	14.3
JBU-5T	5/16"	8	1/2"-20	6.0	16.0	120.8	100.0	15.8
JBU-6T	3/8"	10	9/16"-18	7.5	17.0	123.8	100.0	17.4
JBU-8T	1/2"	12	3/4"-16	9.9	22.0	125.4	100.0	22.2
JBU-10T	5/8"	16	7/8"-14	12.3	25.0	143.2	110.0	25.4
JBU-12T	3/4"	18,20	1 1/16"-12	15.5	30.0	151.0	120.0	31.7
JBU-14T	7/8"	22	1 3/16"-12	18.0	32.0	165.2	130.0	34.9
JBU-16T	1"	25	1 5/16"-12	21.5	40.0	168.0	130.0	38.1
JBU-20T	1-1/4"	32	1 5/8"-12	27.5	46.0	177.0	140.0	50.8
JBU-24T	1-1/2"	38	1 7/8"-12	33.0	50.0	193.4	140.0	57.1
JBU-32T	2"	50	2 1/2"-12	45.0	70.0	205.0	150.0	73.0

Tube to Tube Union

SAE J514

► Bulkhead Union Elbow

JBL



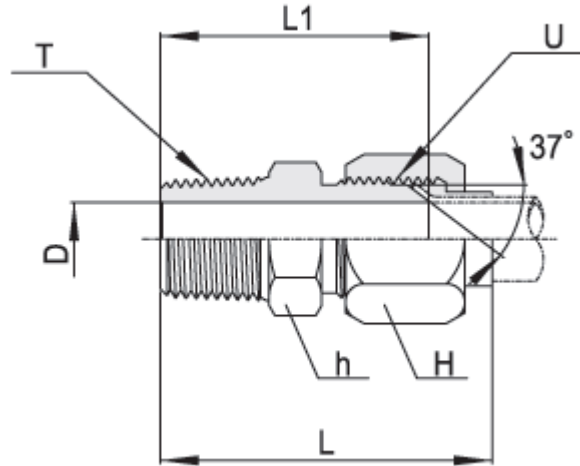
Part No.	Tube O.D		U(UNF)	L	L1	L2	L3	L4	h (hex)	H (hex)
	Inch	mm								
JBL-2T	1/8"	3	5/16"-24	30.2	22.4	45.9	38.1	23.4	11.1	9.5
JBL-3T	3/16"	4	3/8"-24	33.3	23.9	47.5	38.1	23.4	11.1	11.0
JBL-4T	1/4"	6	7/16"-20	33.7	24.6	49.5	40.4	25.9	11.1	14.3
JBL-5T	5/16"	8	1/2"-20	37.3	26.9	54.1	43.7	25.9	14.3	15.8
JBL-6T	3/8"	10	9/16"-18	39.6	27.7	57.9	46.0	27.7	14.3	17.4
JBL-8T	1/2"	12	3/4"-16	47.2	34.5	66.3	53.6	31.8	19.0	22.2
JBL-10T	5/8"	16	7/8"-14	56.2	39.6	77.3	60.7	35.8	22.2	25.4
JBL-12T	3/4"	18,20	1 1/16"-12	60.7	45.2	83.1	67.6	39.6	27.0	31.7
JBL-14T	7/8"	22	1 3/16"-12	66.4	48.8	88.7	71.1	39.6	33.3	34.9
JBL-16T	1"	25	1 5/16"-12	68.3	49.3	90.1	71.1	39.6	33.3	38.1
JBL-20T	1-1/4"	32	1 5/8"-12	73.6	55.1	97.7	79.2	40.9	41.3	50.8
JBL-24T	1-1/2"	38	1 7/8"-12	86.1	59.4	113.6	86.9	41.1	47.6	57.1
JBL-32T	2"	50	2 1/2"-12	100.9	73.4	131.9	104.4	48.5	63.5	73.0

Tube to Male Pipe

SAE J514

► Male Connector

JMC



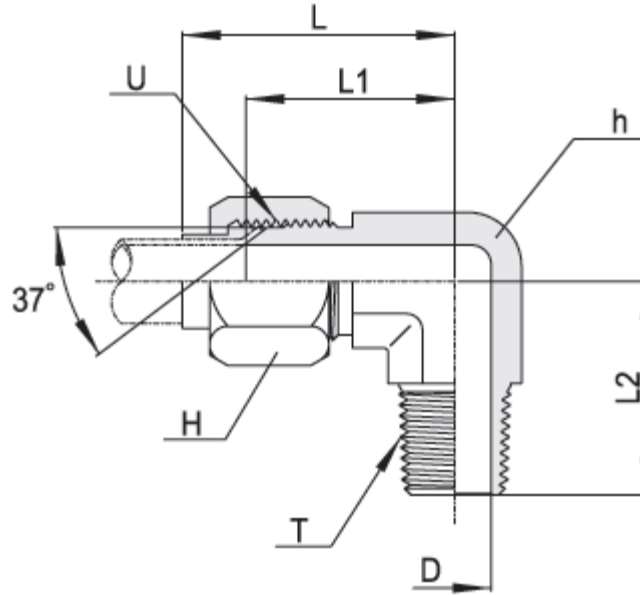
Part No.	Tube O.D.		U(UNF)	T(NPT)	D	L	L1	h (hex)	H (hex)
	Inch	mm							
JMC-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	36.0	28.2	11.1	9.5
JMC-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	38.4	29.0	11.1	11.0
JMC-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	40.1	31.0	12.7	14.3
JMC-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	41.4	31.0	14.3	15.8
JMC-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	48.2	36.3	15.8	17.4
JMC-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	51.6	38.9	20.6	22.2
JMC-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	64.6	48.0	20.6	25.4
JMC-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	67.8	52.3	28.5	31.7
JMC-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	70.7	53.1	31.7	34.9
JMC-16T-08N	1"	25	1 5/16"-12	1"	21.5	77.4	58.4	34.9	38.1
JMC-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	80.7	62.2	42.8	50.8
JMC-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	94.8	68.1	50.8	57.1
JMC-32T-16N	2"	50	2 1/2"-12	2"	45.0	106.5	79.0	66.6	73.0

Tube to Male Pipe

SAE J514

► Male Elbow

JLM



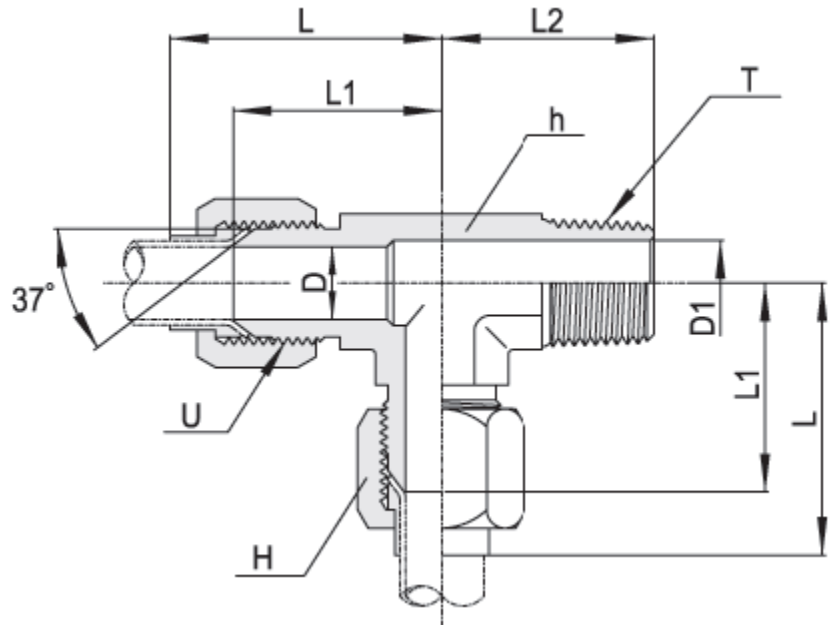
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JLM-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	27.4	19.6	18.3	11.1	9.5
JLM-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	30.5	21.1	18.3	11.1	11.0
JLM-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	31.7	22.6	19.8	11.1	14.3
JLM-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	34.5	24.1	19.8	14.3	15.8
JLM-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	38.8	26.9	27.7	14.3	17.4
JLM-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	44.5	31.8	31.0	19.0	22.2
JLM-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	53.4	36.8	37.3	22.2	25.4
JLM-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	57.7	42.2	40.4	27.0	31.7
JLM-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	63.3	45.7	42.9	33.3	34.9
JLM-16T-08N	1"	25	1 5/16"-12	1"	21.5	65.0	46.0	50.0	33.3	38.1
JLM-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	70.8	52.3	60.5	41.3	50.8
JLM-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	85.9	59.2	67.1	47.6	57.1
JLM-32T-16N	2"	50	2 1/2"-12	2"	45.0	105.2	77.7	76.2	63.5	73.0

Tube to Male Pipe

SAE J514

► Male Run Tee

JTRM



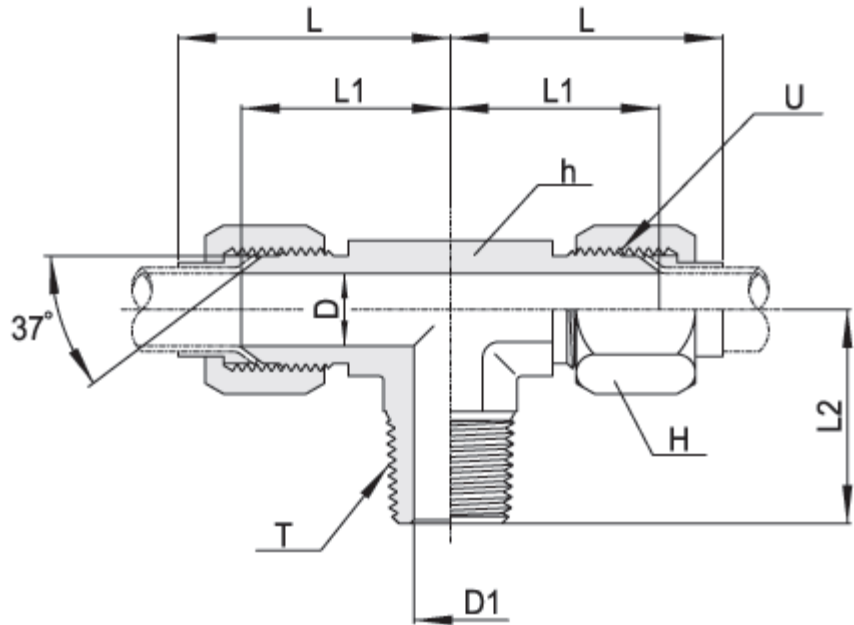
Part No.	Tube O.D.		U(UNF)	T(NPT)	D	D1	L	L1	L2	h (hex)	H (hex)
	Inch	mm									
JTRM-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	4.8	27.4	19.6	18.3	11.1	9.5
JTRM-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	4.8	30.5	21.1	18.3	11.1	11.0
JTRM-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	4.8	31.7	22.6	19.8	11.1	14.3
JTRM-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	4.8	34.5	24.1	19.8	14.3	15.8
JTRM-6T-02N	3/8"	10	9/16".18	1/4"	7.5	7.0	38.8	26.9	27.7	14.3	17.4
JTRM-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	10.3	44.5	31.8	31.0	19.0	22.2
JTRM-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	13.5	53.4	36.8	37.3	22.2	25.4
JTRM-12T-06N	3/4"	18,20	1 1/16"-1 2	3/4"	15.5	18.0	57.7	42.2	40.4	27.0	31.7
JTRM-14T-06N	7/8"	22	1 3/16"-1 2	3/4"	18.0	18.0	63.3	45.7	42.9	33.3	34.9
JTRM-16T-08N	1"	25	1 5/16"-1 2	1"	21.5	23.8	65.0	46.0	50.0	33.3	38.1
JTRM-20T-10N	1-1/4"	32	1 5/8".12	1-1/4"	27.5	31.7	70.8	52.3	60.5	41.3	50.8
JTRM-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	38.0	85.9	59.2	67.1	47.6	57.1
JTRM-32T-16N	2"	50	2 1/2"-12	2"	45.0	49.0	105.2	77.7	76.2	63.5	73.0

Tube to Male Pipe

SAE J514

► Male Branch Tee

JTBM



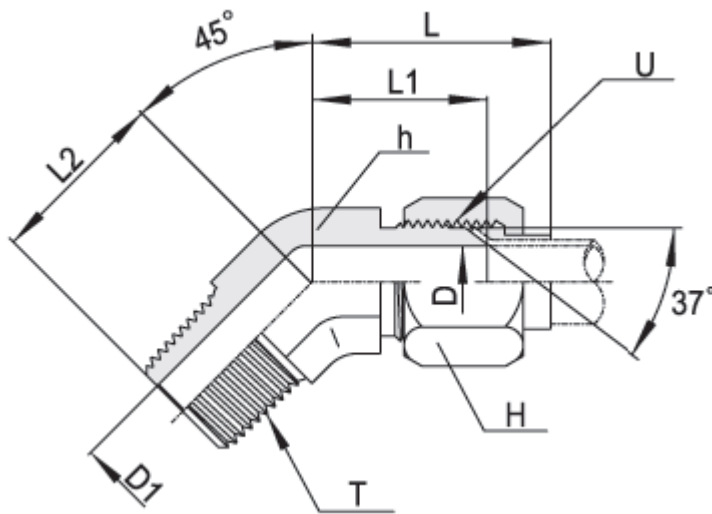
Part No.	Tube O.D.		U(UNF)	T(NPT)	D	D1	L	L1	L2	h (hex)	H (hex)
	Inch	mm									
JTBM-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	4.8	27.4	19.6	18.3	11.1	9.5
JTBM-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	4.8	30.5	21.1	18.3	11.1	11.0
JTBM-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	4.8	31.7	22.6	19.8	11.1	14.3
JTBM-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	4.8	34.5	24.1	19.8	14.3	15.8
JTBM-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	7.0	38.8	26.9	27.7	14.3	17.4
JTBM-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	10.3	44.5	31.8	31.0	19.0	22.2
JTBM-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	13.5	53.4	36.8	37.3	22.2	25.4
JTBM-12T-06N	3/4"	18,20	1 1/16"-1 2	3/4"	15.5	18.0	57.7	42.2	40.4	27.0	31.7
JTBM-14T-06N	7/8"	22	1 3/16"-1 2	3/4"	18.0	18.0	63.3	45.7	42.9	33.3	34.9
JTBM-16T-08N	1"	25	1 5/16"-1 2	1"	21.5	23.8	65.0	46.0	50.0	33.3	38.1
JTBM-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	31.7	70.8	52.3	60.5	41.3	50.8
JTBM-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	38.0	85.9	59.2	67.1	47.6	57.1
JTBM-32T-16N	2"	50	2 1/2"-12	2"	45.0	49.0	105.2	77.7	76.2	63.5	73.0

Tube to Male Pipe

SAE J514

► 45° Male Elbow

JLBM



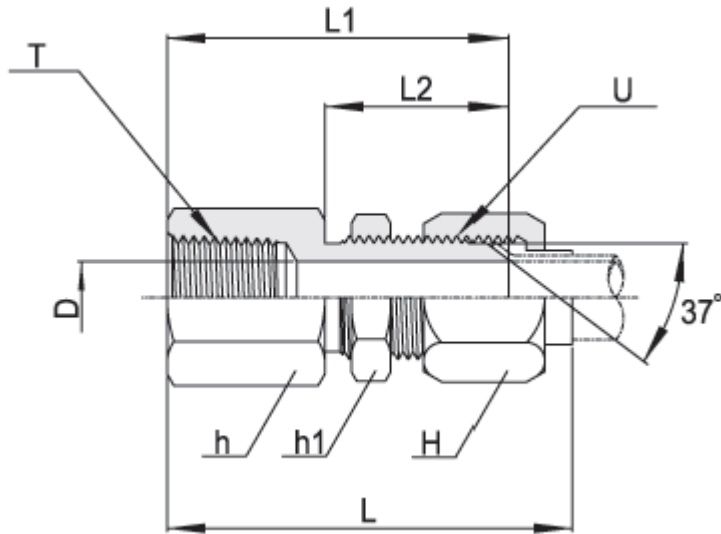
Part No.	Tube O.D.		U(UNF)	T(NPT)	D	D1	L	L1	L2	h (hex)	H (hex)
	Inch	mm									
JLBM-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	1.6	25.3	17.5	13.2	11.1	9.5
JLBM-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	3.2	26.9	17.5	13.2	11.1	11.0
JLBM-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	4.4	27.4	18.3	16.3	11.1	14.3
JLBM-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	6.0	30.0	19.6	16.3	14.3	15.8
JLBM-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	7.5	33.0	21.1	21.8	14.3	17.4
JLBM-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	9.9	37.6	24.9	24.1	19.0	22.2
JLBM-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	12.3	44.8	28.2	29.7	22.2	25.4
JLBM-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	15.5	48.0	32.5	30.5	27.0	31.7
JLBM-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	18.0	54.4	36.8	33.0	33.3	34.9
JLBM-16T-08N	1"	25	1 5/16"-12	1"	21.5	21.5	56.3	37.3	37.6	33.3	38.1
JLBM-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	27.5	58.9	40.4	42.4	41.3	50.8
JLBM-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	33.0	71.9	45.2	45.0	47.6	57.1
JLBM-32T-16N	2"	50	2 1/2"-12	2"	45.0	45.0	83.9	56.4	53.6	63.5	73.0

Tube to Female Pipe

SAE J514

► Bulkhead Female Connector

JCBF



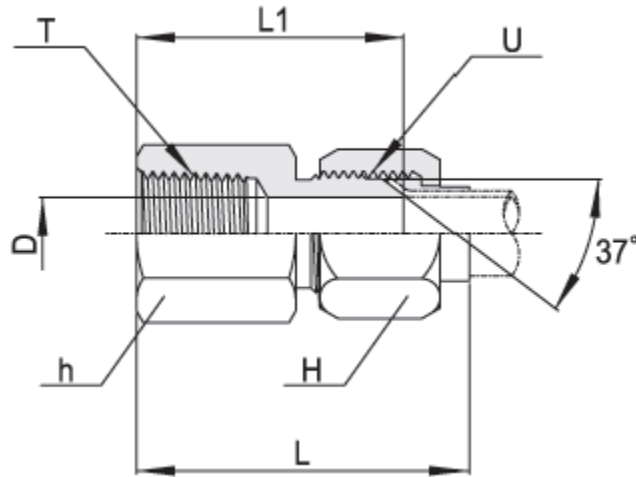
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	L2	h (hex)	h1 (hex)	H (hex)
	Inch	mm									
JCBF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	49.0	14.2	28.2	14.3	14.3	9.5
JCBF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	50.6	15.8	28.2	14.3	15.8	11.0
JCBF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	52.6	17.4	30.5	14.3	17.4	14.3
JCBF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	53.9	19.0	30.5	14.3	19.0	15.8
JCBF-6T-02N	3/8"	10	9/16".18	1/4"	7.5	62.5	20.6	32.5	19.0	20.6	17.4
JCBF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	69.3	25.4	36.6	22.2	25.4	22.2
JCBF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	82.7	28.5	40.1	28.5	28.5	25.4
JCBF-12T-06N	3/4"	18,20	1 1/16"-1 2	3/4"	15.5	86.0	34.9	44.4	34.9	34.9	31.7
JCBF-14T-06N	7/8"	22	1 3/16"-1 2	3/4"	18.0	89.0	38.1	44.4	34.9	38.1	34.9
JCBF-16T-08N	1"	25	1 5/16"-1 2	1"	21.5	94.4	41.2	44.4	41.2	41.2	38.1
JCBF-20T-10N	1-1/4"	32	1 5/8".12	1-1/4"	27.5	99.2	47.6	45.7	50.8	47.6	50.8
JCBF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	107.7	53.9	46.0	60.3	53.9	57.1
JCBF-32T-16N	2"	50	2 1/2"-12	2"	45.0	120.6	69.8	53.1	73.0	69.8	73.0

Tube to Female Pipe

SAE J514

► Female Connector

JCF



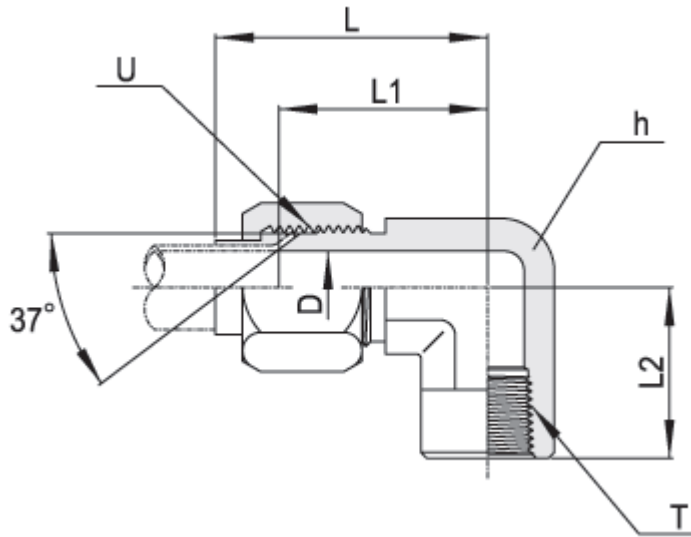
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	h (hex)	H (hex)
	Inch	mm							
JCF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	36.2	28.4	14.3	9.5
JCF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	38.1	28.7	14.3	11.0
JCF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	39.3	30.2	14.3	14.3
JCF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	40.1	29.7	14.3	15.8
JCF-6T-02N	3/8"	10	9/16".18	1/4"	7.5	47.5	35.6	19.0	17.4
JCF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	52.3	39.6	22.2	22.2
JCF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	64.6	48.0	28.5	25.4
JCF-12T-06N	3/4"	18,20	1 1/16".12	3/4"	15.5	67.8	52.3	34.9	31.7
JCF-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	69.9	52.3	34.9	34.9
JCF-16T-08N	1"	25	1 5/16"-12	1"	21.5	78.7	59.7	41.2	38.1
JCF-20T-10N	1-1/4"	32	1 5/8".12	1-1/4"	27.5	81.7	63.2	50.8	50.8
JCF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	93.2	66.5	60.3	57.1
JCF-32T-16N	2"	50	2 1/2"-12	2"	45.0	102.9	75.4	73.0	73.0

Tube to Female Pipe

SAE J514

► Female Elbow

JLF



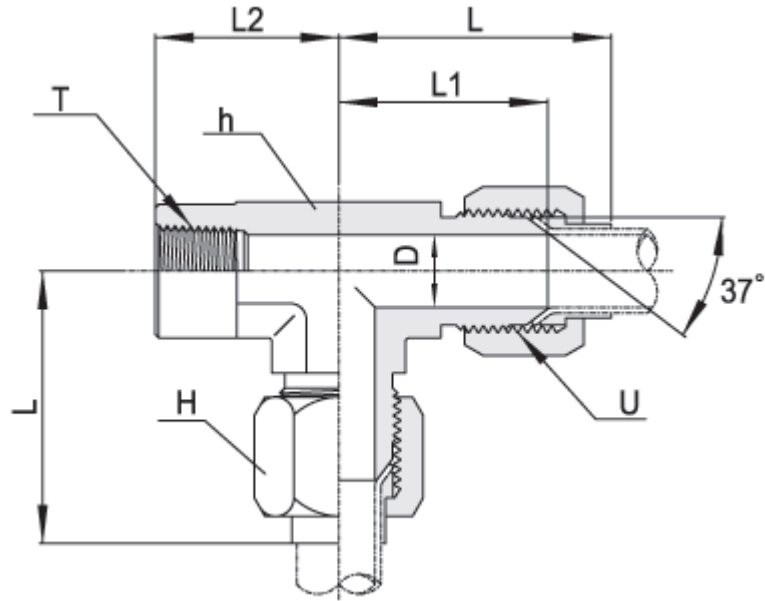
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JLF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	33.2	25.4	16.8	14.3	9.5
JLF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	35.6	26.2	16.8	14.3	11.0
JLF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	36.5	27.4	16.8	14.3	14.3
JLF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	37.8	27.4	16.8	14.3	15.8
JLF-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	43.1	31.2	22.4	19.0	17.4
JLF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	48.8	36.1	25.9	22.2	22.2
JLF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	58.3	41.7	31.2	27.0	25.4
JLF-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	63.5	48.0	34.5	33.3	31.7
JLF-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	64.8	47.2	36.1	33.3	34.9
JLF-16T-08N	1"	25	1 5/16"-12	1"	21.5	74.1	55.1	41.1	41.3	38.1
JLF-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	77.7	59.2	43.2	47.6	50.8
JLF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	100.1	73.4	52.8	65.1	57.1
JLF-32T-16N	2"	50	2 1/2"-12	2"	45.0	111.3	83.8	60.7	71.4	73.0

Tube to Female Pipe

SAE J514

► Female Run Tee

JTRF



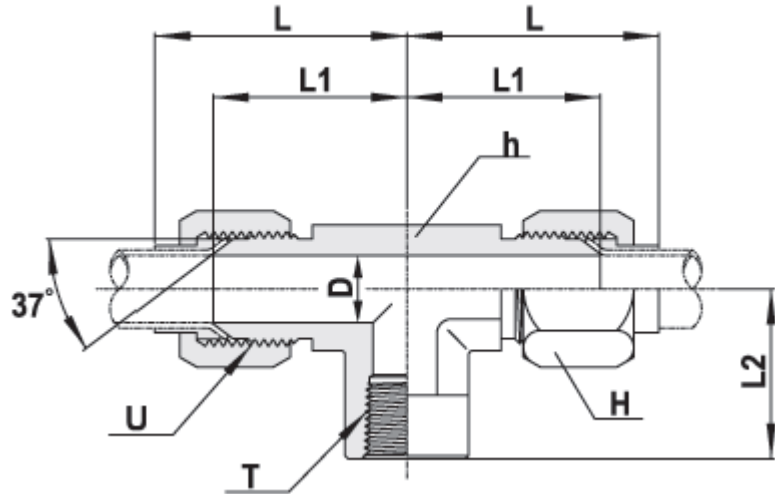
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JTRF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	33.2	25.4	16.8	14.3	9.5
JTRF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	35.6	26.2	16.8	14.3	11.0
JTRF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	36.5	27.4	16.8	14.3	14.3
JTRF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	37.8	27.4	16.8	14.3	15.8
JTRF-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	43.1	31.2	22.4	19.0	17.4
JTRF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	48.8	36.1	25.9	22.2	22.2
JTRF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	58.3	41.7	31.2	27.0	25.4
JTRF-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	63.5	48.0	34.5	33.3	31.7
JTRF-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	64.8	47.2	36.1	33.3	34.9
JTRF-16T-08N	1"	25	1 5/16"-12	1"	21.5	74.1	55.1	41.1	41.3	38.1
JTRF-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	77.7	59.2	43.2	47.6	50.8
JTRF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	100.1	73.4	52.8	65.1	57.1
JTRF-32T-16N	2"	50	2 1/2"-12	2"	45.0	111.3	83.8	60.7	71.4	73.0

Tube to Female Pipe

SAE J514

► Female Branch Tee

JTBF



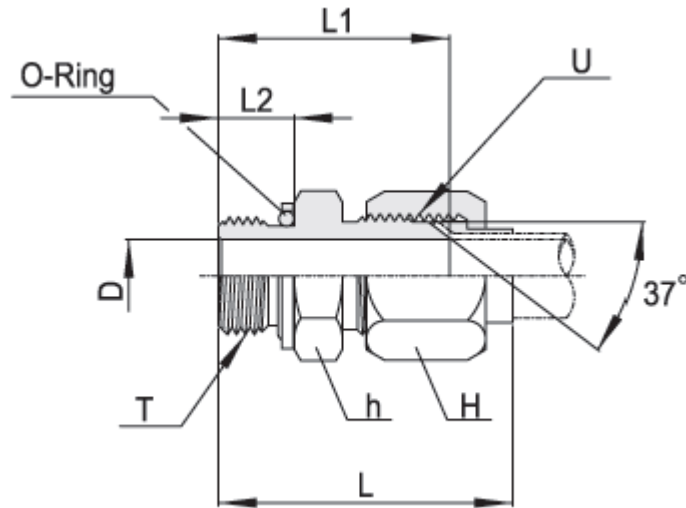
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JTBF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	33.2	25.4	16.8	14.3	9.5
JTBF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	35.6	26.2	16.8	14.3	11.0
JTBF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	36.5	27.4	16.8	14.3	14.3
JTBF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	37.8	27.4	16.8	14.3	15.8
JTBF-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	43.1	31.2	22.4	19.0	17.4
JTBF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	48.8	36.1	25.9	22.2	22.2
JTBF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	58.3	41.7	31.2	27.0	25.4
JTBF-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	63.5	48.0	34.5	33.3	31.7
JTBF-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	64.8	47.2	36.1	33.3	34.9
JTBF-16T-08N	1"	25	1 5/16"-12	1"	21.5	74.1	55.1	41.1	41.3	38.1
JTBF-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	77.7	59.2	43.2	47.6	50.8
JTBF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	100.1	73.4	52.8	65.1	57.1
JTBF-32T-16N	2"	50	2 1/2"-12	2"	45.0	111.3	83.8	60.7	71.4	73.0

Tube to Straight Thread

SAE J514

► O-Seal Male Connector(PF)

JMCS-G



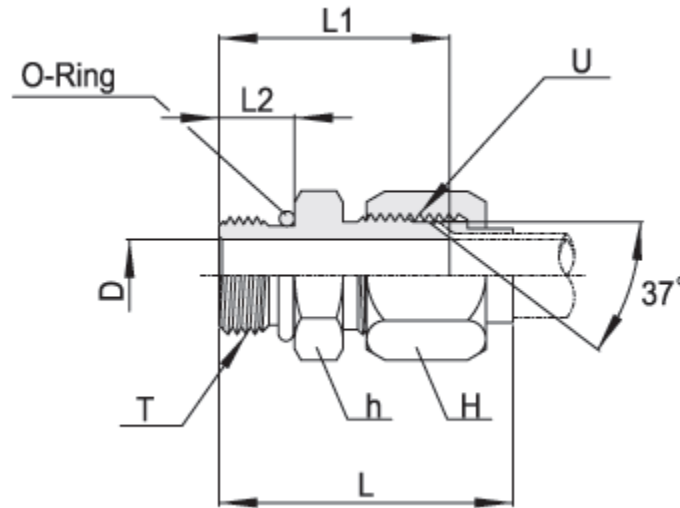
Part No.	Tube O.D		U(UNF)	T(PF)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JMCS-2T-01G	1/8"	3	5/16"-24	1/8"	1.6	35.3	27.5	8.0	11.1	9.5
JMCS-3T-01G	3/16"	4	3/8"-24	1/8"	3.2	37.9	28.5	8.0	12.7	11.0
JMCS-4T-01G	1/4"	6	7/16"-20	1/8"	4.4	39.3	30.2	8.0	14.3	14.3
JMCS-5T-01G	5/16"	8	1/2"-20	1/8"	6.0	40.6	30.2	8.0	15.8	15.8
JMCS-6T-02G	3/8"	10	9/16"-18	1/4"	7.5	46.9	35.0	12.0	17.4	17.4
JMCS-8T-03G	1/2"	12	3/4"-16	3/8"	9.9	51.4	38.7	12.0	22.2	22.2
JMCS-10T-04G	5/8"	16	7/8"-14	1/2"	12.3	61.1	44.5	14.0	25.4	25.4
JMCS-12T-06G	3/4"	18,20	1 1/16"-12	3/4"	15.5	66.4	50.9	16.0	31.7	31.7
JMCS-14T-06G	7/8"	22	1 3/16"-12	3/4"	18.0	69.0	51.4	16.0	34.9	34.9
JMCS-16T-08G	1"	25	1 5/16"-12	1"	21.5	71.7	52.7	18.0	38	38.1
JMCS-20T-10G	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	78.5	60.0	20.0	47.6	50.8
JMCS-24T-12G	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	92.8	66.1	21.0	53.9	57.1
JMCS-32T-16G	2"	50	2 1/2"-12	2"	45.0	108.0	80.5	25.0	69.8	73.0

Tube to Straight Thread

SAE J514

► O-Seal Male Connector(UNF)

JMCS-U



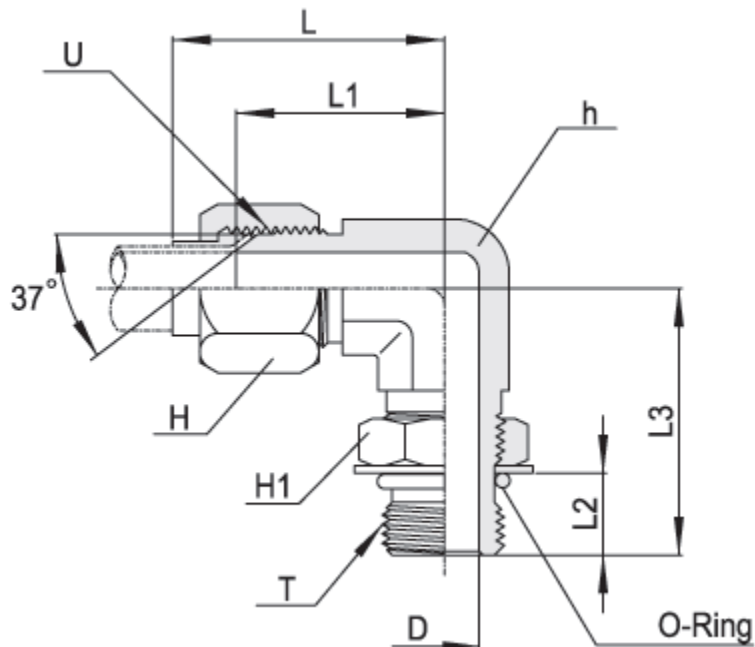
Part No.	Tube O.D		U(UNF)	T(UNF)	D	L	L1	L2	h (hex)	H (hex)
	Inch	mm								
JMCS-2T-02U	1/8"	3	5/16"-24	5/16"-24	1.6	34.7	26.9	7.5	11.1	9.5
JMCS-3T-03U	3/16"	4	3/8"-24	3/8"-24	3.2	37.3	27.9	7.5	12.7	11.0
JMCS-4T-04U	1/4"	6	7/16"-20	7/16"-20	4.4	40.3	31.2	9.1	14.3	14.3
JMCS-5T-05U	5/16"	8	1/2"-20	1/2"-20	6.0	41.6	31.2	9.1	15.8	15.8
JMCS-6T-06U	3/8"	10	9/16"-18	9/16"-18	7.5	44.9	33.0	9.9	17.4	17.4
JMCS-8T-08U	1/2"	12	3/4"-16	3/4"-16	9.9	50.3	37.6	11.1	22.2	22.2
JMCS-10T-10U	5/8"	16	7/8"-14	7/8"-14	12.3	59.8	43.2	12.7	25.4	25.4
JMCS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	15.5	65.5	50.0	15.1	31.7	31.7
JMCS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	18.0	68.1	50.5	15.1	34.9	34.9
JMCS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	21.5	70.8	51.8	15.1	38	38.1
JMCS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	27.5	73.6	55.1	15.1	47.6	50.8
JMCS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	33.0	86.9	60.2	15.1	53.9	57.1
JMCS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	45.0	98.1	70.6	15.1	69.8	73.0

Tube to Straight Thread

SAE J514

► O-Seal Male Elbow(UNF)

JLS-U



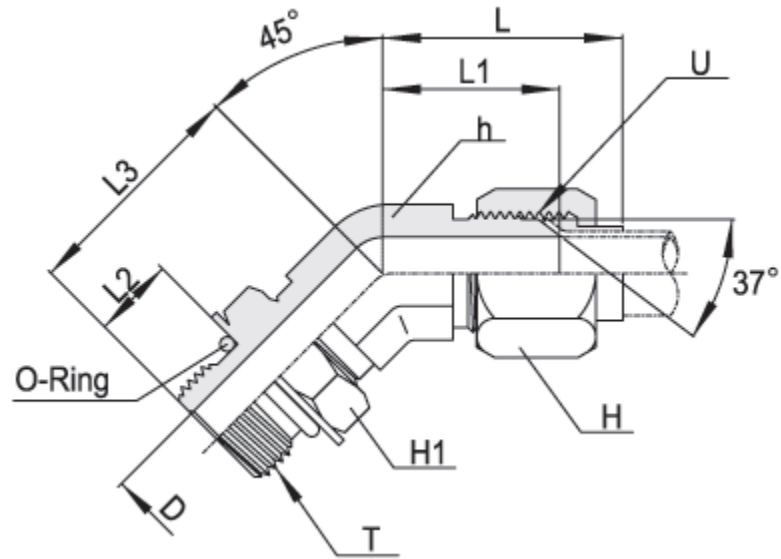
Part No.	Tube O.D.		U(UNF)	T(UNF)	D	L	L1	L2	L3	h (hex)	H (hex)	H1 (hex)
	Inch	mm										
JLS-2T-02U	1/8"	3	5/16"-24	5/16"-24	1.6	34.7	26.9	7.5	23.9	11.1	9.5	14.3
JLS-3T-03U	3/16"	4	3/8"-24	3/8"-24	3.2	37.3	27.9	7.5	23.9	11.1	11.0	15.8
JLS-4T-04U	1/4"	6	7/16"-20	7/16"-20	4.4	40.3	31.2	9.1	26.2	11.1	14.3	17.4
JLS-5T-05U	5/16"	8	1/2"-20	1/2"-20	6.0	41.6	31.2	9.1	28.7	14.3	15.8	19.0
JLS-6T-06U	3/8"	10	9/16"-18	9/16"-18	7.5	44.9	33.0	9.9	31.8	14.3	17.4	20.6
JLS-8T-08U	1/2"	12	3/4"-16	3/4"-16	9.9	50.3	37.6	11.1	36.8	19.0	22.2	25.4
JLS-10T-10U	5/8"	16	7/8"-14	7/8"-14	12.3	59.8	43.2	12.7	43.2	22.2	25.4	28.5
JLS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	15.5	65.5	50.0	15.1	49.3	27.0	31.7	34.9
JLS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	18.0	68.1	50.5	15.1	50.8	33.3	34.9	38.1
JLS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	21.5	70.8	51.8	15.1	52.1	33.3	38.1	41.2
JLS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	27.5	73.6	55.1	15.1	57.2	41.3	50.8	47.6
JLS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	33.0	86.9	60.2	15.1	60.7	47.6	57.1	53.9
JLS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	45.0	98.1	70.6	15.1	73.4	63.5	73.0	69.8

Tube to Straight Thread

SAE J514

► O-Seal 45° Elbow(UNF)

JLBS-U



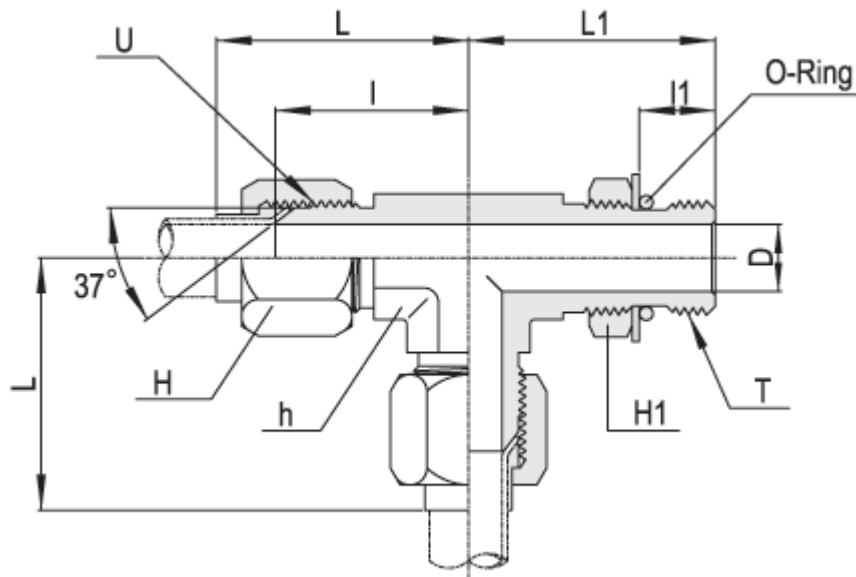
Part No.	Tube O.D.		U(UNF)	T(UNF)	D	L	L1	L2	L3	h (hex)	H (hex)	H1 (hex)
	Inch	mm										
JLBS-2T-02U	1/8"	3	5/16"-24	5/16"-24	1.6	25.3	17.5	8.4	23.9	11.1	9.5	14.3
JLBS-3T-03U	3/16"	4	3/8"-24	3/8"-24	3.2	26.9	17.5	8.4	23.9	11.1	11.0	15.8
JLBS-4T-04U	1/4"	6	7/16"-20	7/16"-20	4.4	27.4	18.3	9.8	23.9	11.1	14.3	17.4
JLBS-5T-05U	5/16"	8	1/2"-20	1/2"-20	6.0	30.0	19.6	9.8	25.4	14.3	15.8	19.0
JLBS-6T-06U	3/8"	10	9/16"-18	9/16"-18	7.5	33.0	21.1	9.9	28.4	14.3	17.4	20.6
JLBS-8T-08U	1/2"	12	3/4"-16	3/4"-16	9.9	37.6	24.9	11.0	32.5	19.0	22.2	25.4
JLBS-10T-10U	5/8"	16	7/8"-14	7/8"-14	12.3	44.8	28.2	12.5	36.6	22.2	25.4	28.5
JLBS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	15.5	48.0	32.5	16.5	43.9	27.0	31.7	34.9
JLBS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	18.0	54.4	36.8	16.5	45.7	33.3	34.9	38.1
JLBS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	21.5	56.3	37.3	16.5	47.2	33.3	38.1	41.2
JLBS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	27.5	58.9	40.4	16.5	48.5	41.3	50.8	47.6
JLBS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	33.0	71.9	45.2	16.5	48.5	47.6	57.1	53.9
JLBS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	45.0	83.9	56.4	16.5	47.2	63.5	73.0	69.8

Tube to Straight Thread

SAE J514

► O-Seal Run Tee(UNF)

JTRS-U



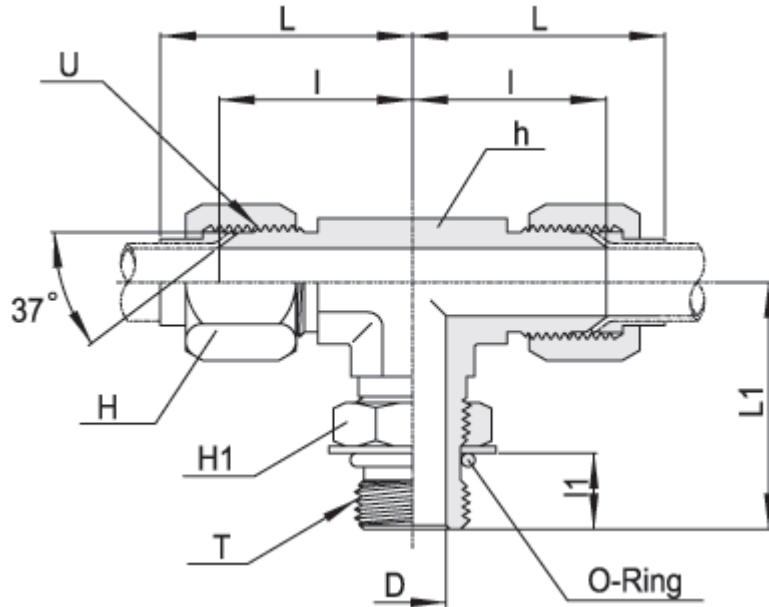
Part No.	Tube O.D.		U(UNF)	T(UNF)	D	L	L1	I	I1	h (hex)	H (hex)	H1 (hex)
	Inch	mm										
JTRS-2T-02U	1/8"	3	5/16"-24	5/16"-24	1.6	27.4	23.9	19.6	8.4	11.1	9.5	14.3
JTRS-3T-03U	3/16"	4	3/8"-24	3/8"-24	3.2	30.5	23.9	21.1	8.4	11.1	11.0	15.8
JTRS-4T-04U	1/4"	6	7/16"-20	7/16"-20	4.4	31.7	26.2	22.6	9.8	11.1	14.3	17.4
JTRS-5T-05U	5/16"	8	1/2"-20	1/2"-20	6.0	34.5	28.7	24.1	9.8	14.3	15.8	19.0
JTRS-6T-06U	3/8"	10	9/16"-18	9/16"-18	7.5	38.8	31.8	26.9	9.9	14.3	17.4	20.6
JTRS-8T-08U	1/2"	12	3/4"-16	3/4"-16	9.9	44.5	36.8	31.8	11.0	19.0	22.2	25.4
JTRS-10T-10U	5/8"	16	7/8"-14	7/8"-14	12.3	53.4	43.2	36.8	12.5	22.2	25.4	28.5
JTRS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	15.5	57.7	49.3	42.2	16.5	27.0	31.7	34.9
JTRS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	18.0	63.3	50.8	45.7	16.5	33.3	34.9	38.1
JTRS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	21.5	65.0	52.1	46.0	16.5	33.3	38.1	41.2
JTRS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	27.5	70.8	57.2	52.3	16.5	41.3	50.8	47.6
JTRS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	33.0	85.9	60.7	59.2	16.5	47.6	57.1	53.9
JTRS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	45.0	105.2	73.4	77.7	16.5	63.5	73.0	69.8

Tube to Straight Thread

SAE J514

► O-Seal Branch Tee (UNF)

JTBS-U



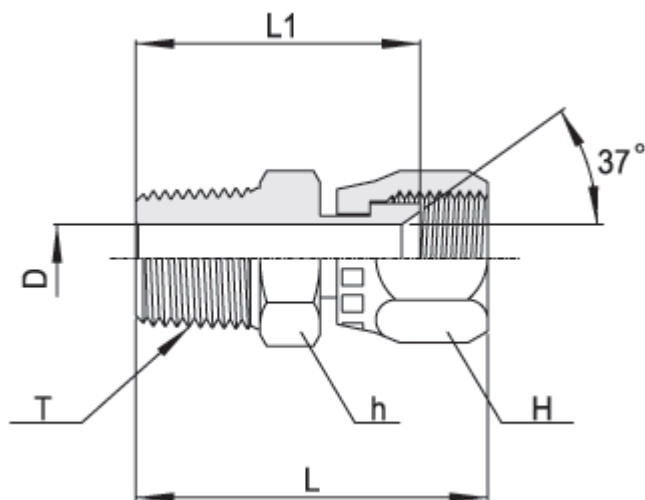
Part No.	Tube O.D.		U (UNF)	T (UNF)	D	L	L1	I	I1	h (hex)	H (hex)	H1 (hex)
	Inch	mm										
JTBS-2T-02U	1/8"	3	5/16"-24	5/16"-24	1.6	27.4	23.9	19.6	8.4	11.1	9.5	14.3
JTBS-3T-03U	3/16"	4	3/8"-24	3/8"-24	3.2	30.5	23.9	21.1	8.4	11.1	11.0	15.8
JTBS-4T-04U	1/4"	6	7/16"-20	7/16"-20	4.4	31.7	26.2	22.6	9.8	11.1	14.3	17.4
JTBS-5T-05U	5/16"	8	1/2"-20	1/2"-20	6.0	34.5	28.7	24.1	9.8	14.3	15.8	19.0
JTBS-6T-06U	3/8"	10	9/16"-18	9/16"-18	7.5	38.8	31.8	26.9	9.9	14.3	17.4	20.6
JTBS-8T-08U	1/2"	12	3/4"-16	3/4"-16	9.9	44.5	36.8	31.8	11.0	19.0	22.2	25.4
JTBS-10T-10U	5/8"	16	7/8"-14	7/8"-14	12.3	53.4	43.2	36.8	12.5	22.2	25.4	28.5
JTBS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	15.5	57.7	49.3	42.2	16.5	27.0	31.7	34.9
JTBS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	18.0	63.3	50.8	45.7	16.5	33.3	34.9	38.1
JTBS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	21.5	65.0	52.1	46.0	16.5	33.3	38.1	41.2
JTBS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	27.5	70.8	57.2	52.3	16.5	41.3	50.8	47.6
JTBS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	33.0	85.9	60.7	59.2	16.5	47.6	57.1	53.9
JTBS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	45.0	105.2	73.4	77.7	16.5	63.5	73.0	69.8

Swivel Fittings

SAE J514

► Swivel Connector

JSMC



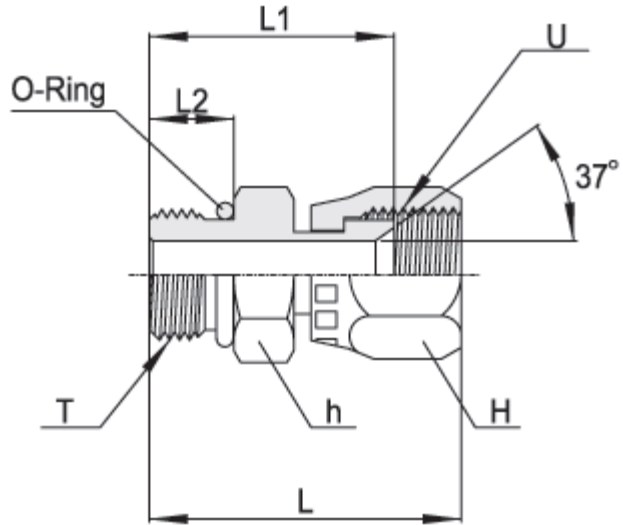
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	h (hex)	H (hex)
	Inch	mm							
JSMC-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	30.0	22.0	11.1	11.1
JSMC-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	32.0	23.5	11.1	12.7
JSMC-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	34.2	25.5	12.7	14.2
JSMC-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	35.0	25.5	14.3	15.8
JSMC-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	40.2	30.7	15.8	17.4
JSMC-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	42.7	32.0	20.6	22.2
JSMC-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	51.3	38.6	20.6	25.4
JSMC-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	54.5	40.2	28.5	31.7
JSMC-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	56.0	41.2	31.7	34.9
JSMC-16T-08N	1"	25	1 5/16"-12	1"	21.5	63.7	48.6	34.9	38.1
JSMC-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	68.9	53.0	42.8	50.8
JSMC-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	77.6	59.0	50.8	57.1
JSMC-32T-16N	2"	50	2 1/2"-12	2"	45.0	92.9	69.1	66.6	69.8

Swivel Fittings

SAE J514

► O-Seal Swivel Connector(UNF)

JSMCS-U



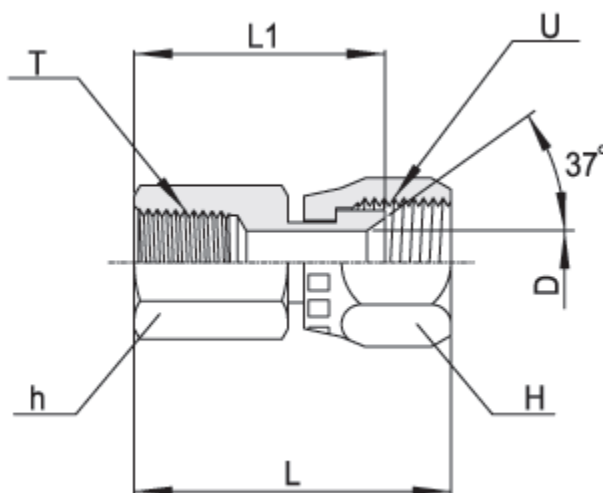
Part No.	Tube O.D		U(UNF)	T(UNF)	L	L1	L2	h (hex)	H (hex)
	Inch	mm							
JSMCS-2T-02U	1/8"	3	5/16"-24	5/16"-24	30.0	22.0	7.5	11.1	11.1
JSMCS-3T-03U	3/16"	4	3/8"-24	3/8"-24	32.0	23.5	7.5	12.7	12.7
JSMCS-4T-04U	1/4"	6	7/16"-20	7/16"-20	34.2	25.5	9.1	14.3	14.2
JSMCS-5T-05U	5/16"	8	1/2"-20	1/2"-20	35.0	25.5	9.1	15.8	15.8
JSMCS-6T-06U	3/8"	10	9/16"-18	9/16"-18	40.2	30.7	9.9	17.4	17.4
JSMCS-8T-08U	1/2"	12	3/4"-16	3/4"-16	42.7	32.0	11.1	22.2	22.2
JSMCS-10T-10U	5/8"	16	7/8"-14	7/8"-14	51.3	38.6	12.7	25.4	25.4
JSMCS-12T-12U	3/4"	18,20	1 1/16"-12	1 1/16"-12	54.5	40.2	15.1	31.7	31.7
JSMCS-14T-14U	7/8"	22	1 3/16"-12	1 3/16"-12	56.0	41.2	15.1	34.9	34.9
JSMCS-16T-16U	1"	25	1 5/16"-12	1 5/16"-12	63.7	48.6	15.1	38	38.1
JSMCS-20T-20U	1-1/4"	32	1 5/8"-12	1 5/8"-12	68.9	53.0	15.1	47.6	50.8
JSMCS-24T-24U	1-1/2"	38	1 7/8"-12	1 7/8"-12	77.6	59.0	15.1	53.9	57.1
JSMCS-32T-32U	2"	50	2 1/2"-12	2 1/2"-12	92.9	69.1	15.1	69.8	69.8

Swivel Fittings

SAE J514

► Swivel Female Connector

JSCF



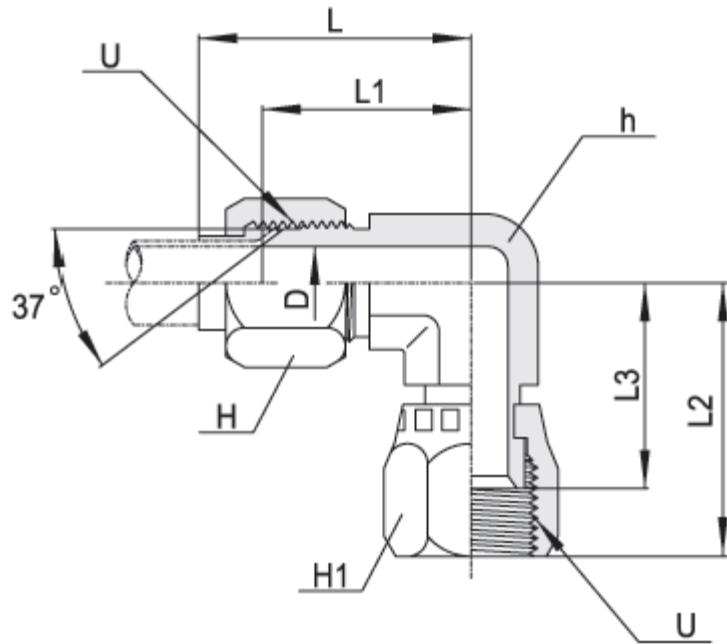
Part No.	Tube O.D		U(UNF)	T(NPT)	D	L	L1	h (hex)	H (hex)
	Inch	mm							
JSCF-2T-01N	1/8"	3	5/16"-24	1/8"	1.6	36.1	28.2	14.3	11.1
JSCF-3T-01N	3/16"	4	3/8"-24	1/8"	3.2	37.3	29.0	14.3	12.7
JSCF-4T-01N	1/4"	6	7/16"-20	1/8"	4.4	39.7	31.0	14.3	14.2
JSCF-5T-01N	5/16"	8	1/2"-20	1/8"	6.0	40.5	31.0	14.3	15.8
JSCF-6T-02N	3/8"	10	9/16"-18	1/4"	7.5	45.8	36.3	19.0	17.4
JSCF-8T-03N	1/2"	12	3/4"-16	3/8"	9.9	47.0	38.9	22.2	22.2
JSCF-10T-04N	5/8"	16	7/8"-14	1/2"	12.3	51.6	48.0	28.5	25.4
JSCF-12T-06N	3/4"	18,20	1 1/16"-12	3/4"	15.5	66.6	52.3	34.9	31.7
JSCF-14T-06N	7/8"	22	1 3/16"-12	3/4"	18.0	67.8	53.1	34.9	34.9
JSCF-16T-08N	1"	25	1 5/16"-12	1"	21.5	73.5	58.4	41.2	38.1
JSCF-20T-10N	1-1/4"	32	1 5/8"-12	1-1/4"	27.5	78.1	62.2	50.8	50.8
JSCF-24T-12N	1-1/2"	38	1 7/8"-12	1-1/2"	33.0	86.7	68.1	60.3	57.1
JSCF-32T-16N	2"	50	2 1/2"-12	2"	45.0	89.3	65.5	73.0	69.8

Swivel Fittings

SAE J514

► Swivel Elbow

JSL



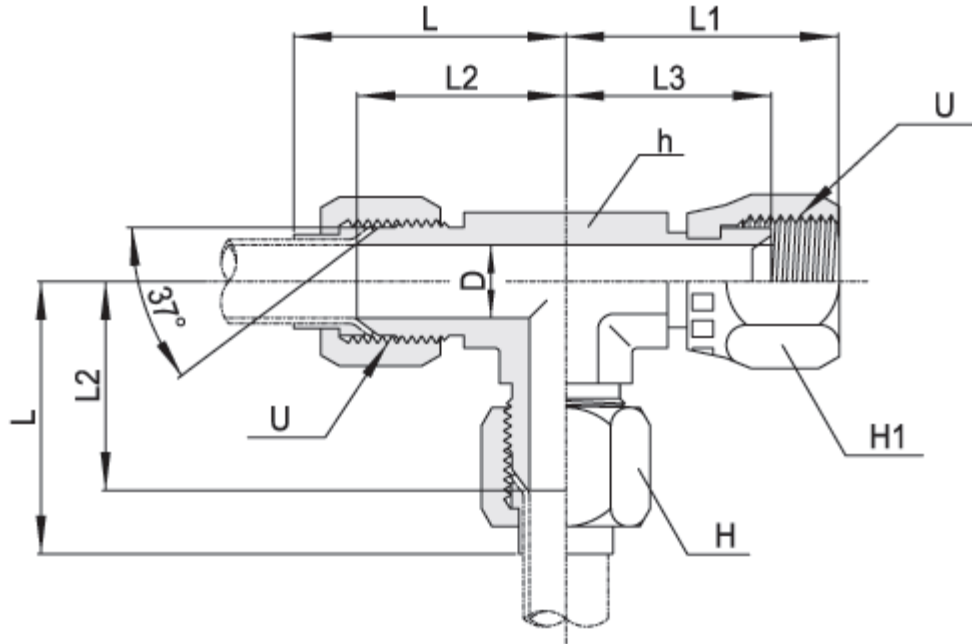
Part No.	Tube O.D		U(UNF)	D	L	L1	L2	L3	h (hex)	H (hex)	H1 (hex)
	Inch	mm									
JSL-2T	1/8"	3	5/16"-24	1.6	27.4	19.6	24.6	16.7	11.1	9.5	11.1
JSL-3T	3/16"	4	3/8"-24	3.2	30.5	21.1	25.4	17.1	11.1	11.0	12.7
JSL-4T	1/4"	6	7/16"-20	4.4	31.7	22.6	25.4	16.7	11.1	14.3	14.2
JSL-5T	5/16"	8	1/2"-20	6.0	34.5	24.1	26.9	17.4	14.3	15.8	15.8
JSL-6T	3/8"	10	9/16"-18	7.5	38.8	26.9	31.8	22.3	14.3	17.4	17.4
JSL-8T	1/2"	12	3/4"-16	9.9	44.5	31.8	35.1	24.4	19.0	22.2	22.2
JSL-10T	5/8"	16	7/8"-14	12.3	53.4	36.8	41.1	28.4	22.2	25.4	25.4
JSL-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	42.2	44.4	30.1	27.0	31.7	31.7
JSL-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.7	45.2	30.5	33.3	34.9	34.9
JSL-16T	1"	25	1 5/16"-12	21.5	65.0	46.0	50.8	35.7	33.3	38.1	38.1
JSL-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	52.3	58.7	42.8	41.3	50.8	50.8
JSL-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	59.2	65.8	47.2	47.6	57.1	57.1
JSL-32T	2"	50	2 1/2"-12	45.0	105.2	77.7	85.9	62.1	63.5	73.0	69.8

Swivel Fittings

SAE J514

► Swivel Run Tee

JSTR



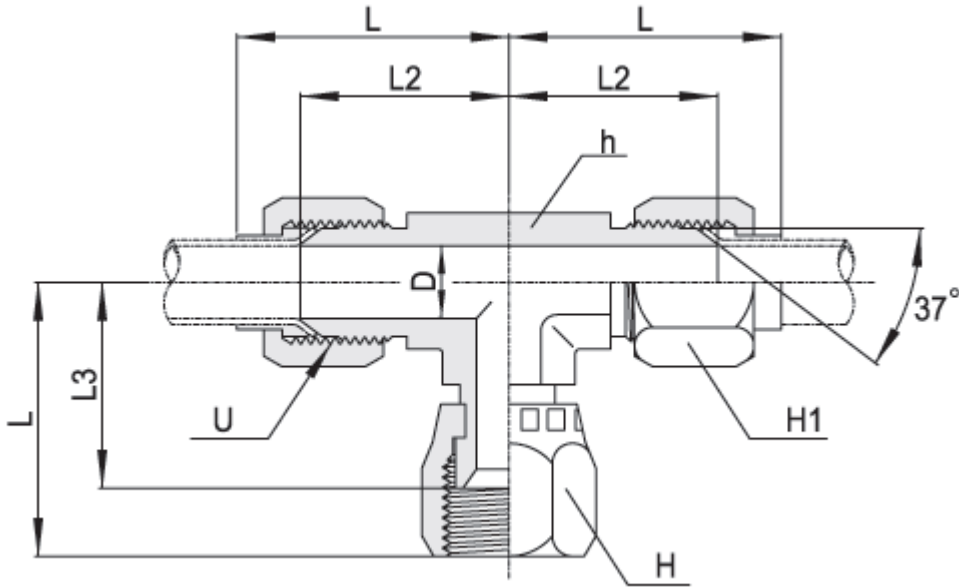
Part No.	Tube O.D		U(UNF)	D	L	L1	L2	L3	h (hex)	H (hex)	H1 (hex)
	Inch	mm									
JSTR-2T	1/8"	3	5/16"-24	1.6	27.4	24.6	19.6	16.7	11.1	9.5	11.1
JSTR-3T	3/16"	4	3/8"-24	3.2	30.5	25.4	21.1	17.1	11.1	11.0	12.7
JSTR-4T	1/4"	6	7/16"-20	4.4	31.7	25.4	22.6	16.7	11.1	14.3	14.2
JSTR-5T	5/16"	8	1/2"-20	6.0	34.5	26.9	24.1	17.4	14.3	15.8	15.8
JSTR-6T	3/8"	10	9/16"-18	7.5	38.8	31.8	26.9	22.3	14.3	17.4	17.4
JSTR-8T	1/2"	12	3/4"-16	9.9	44.5	35.1	31.8	24.4	19.0	22.2	22.2
JSTR-10T	5/8"	16	7/8"-14	12.3	53.4	41.1	36.8	28.4	22.2	25.4	25.4
JSTR-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	44.4	42.2	30.1	27.0	31.7	31.7
JSTR-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.2	45.7	30.5	33.3	34.9	34.9
JSTR-16T	1"	25	1 5/16"-12	21.5	65.0	50.8	46.0	35.7	33.3	38.1	38.1
JSTR-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	58.7	52.3	42.8	41.3	50.8	50.8
JSTR-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	65.8	59.2	47.2	47.6	57.1	57.1
JSTR-32T	2"	50	2 1/2"-12	45.0	105.2	85.9	77.7	62.1	63.5	73.0	69.8

Swivel Fittings

SAE J514

► Swivel Branch Tee

JSTB



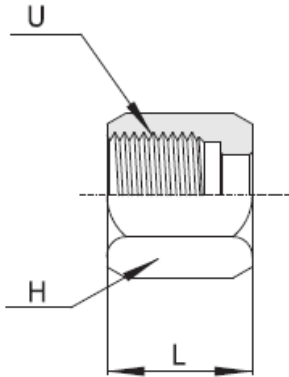
Part No.	Tube O.D		U(UNF)	D	L	L1	L2	L3	h (hex)	H (hex)	H1 (hex)
	Inch	mm									
JSTB-2T	1/8"	3	5/16"-24	1.6	27.4	24.6	19.6	16.7	11.1	9.5	11.1
JSTB-3T	3/16"	4	3/8"-24	3.2	30.5	25.4	21.1	17.1	11.1	11.0	12.7
JSTB-4T	1/4"	6	7/16"-20	4.4	31.7	25.4	22.6	16.7	11.1	14.3	14.2
JSTB-5T	5/16"	8	1/2"-20	6.0	34.5	26.9	24.1	17.4	14.3	15.8	15.8
JSTB-6T	3/8"	10	9/16"-18	7.5	38.8	31.8	26.9	22.3	14.3	17.4	17.4
JSTB-8T	1/2"	12	3/4"-16	9.9	44.5	35.1	31.8	24.4	19.0	22.2	22.2
JSTB-10T	5/8"	16	7/8"-14	12.3	53.4	41.1	36.8	28.4	22.2	25.4	25.4
JSTB-12T	3/4"	18,20	1 1/16"-12	15.5	57.7	44.4	42.2	30.1	27.0	31.7	31.7
JSTB-14T	7/8"	22	1 3/16"-12	18.0	63.3	45.2	45.7	30.5	33.3	34.9	34.9
JSTB-16T	1"	25	1 5/16"-12	21.5	65.0	50.8	46.0	35.7	33.3	38.1	38.1
JSTB-20T	1-1/4"	32	1 5/8"-12	27.5	70.8	58.7	52.3	42.8	41.3	50.8	50.8
JSTB-24T	1-1/2"	38	1 7/8"-12	33.0	85.9	65.8	59.2	47.2	47.6	57.1	57.1
JSTB-32T	2"	50	2 1/2"-12	45.0	105.2	85.9	77.7	62.1	63.5	73.0	69.8

Spare Parts

SAE J514

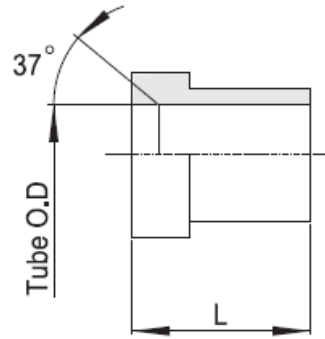
► Nut

JN



► Sleeve

JS



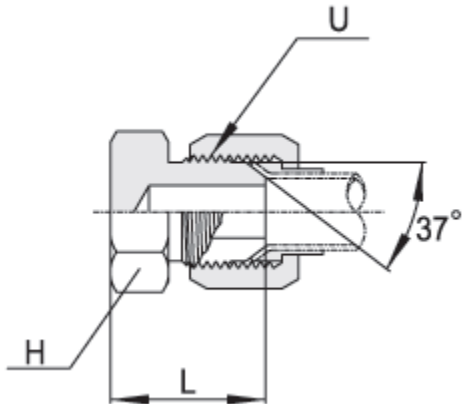
Part No.	Tube O. D	U(UNF)	L	H (hex)
	Inch			
JN-2T	1/8"	5/16"-24	14.0	9.5
JN-3T	3/16"	3/8"-24	15.5	11.0
JN-4T	1/4"	7/16"-20	15.8	14.3
JN-5T	5/16"	1/2"-20	17.3	15.8
JN-6T	3/8"	9/16".18	18.5	17.4
JN-8T	1/2"	3/4"-16	21.6	22.2
JN-10T	5/8"	7/8"-14	24.9	25.4
JN-12T	3/4"	1 1/16"-12	26.2	31.7
JN-14T	7/8"	1 3/16"-12	27.7	34.9
JN-16T	1"	1 5/16"-12	28.7	38.1
JN-20T	1-1/4"	1 5/8"-12	31.2	50.8
JN-24T	1-1/2"	1 7/8"-12	36.1	57.1
JN-32T	2"	2 1/2"-12	44.5	73.0

Part No.	Tube O.D	L
	Inch	
JS-2T	1/8"	8.6
JS-3T	3/16"	8.6
JS-4T	1/4"	10.4
JS-5T	5/16"	11.2
JS-6T	3/8"	12.7
JS-8T	1/2"	14.2
JS-10T	5/8"	16.8
JS-12T	3/4"	17.3
JS-14T	7/8"	19.3
JS-16T	1"	19.8
JS-20T	1-1/4"	23.1
JS-24T	1-1/2"	28.4
JS-32T	2"	30.2

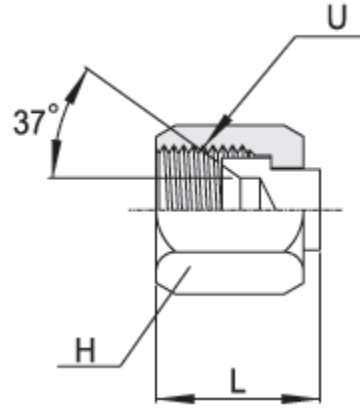
Spare Parts

SAE J514

► Plug JP



► Plug of Fitting Port JPP



Part No.	Tube O.D.		U(UNF)	L	H (hex)
	Inch	mm			
JP-2T	1/8"	3	5/16"-24	17.8	11.1
JP-3T	3/16"	4	3/8"-24	18.5	11.1
JP-4T	1/4"	6	7/16"-20	20.3	12.7
JP-5T	5/16"	8	1/2"-20	20.3	14.2
JP-6T	3/8"	10	9/16"-18	21.3	15.8
JP-8T	1/2"	12	3/4"-16	23.9	20.6
JP-10T	5/8"	16	7/8"-14	27.9	20.6
JP-12T	3/4"	18,20	1 1/16"-12	32.5	28.5
JP-14T	7/8"	22	1 3/16"-12	33.3	31.7
JP-16T	1"	25	1 5/16"-12	33.8	34.9
JP-20T	1-1/4"	32	1 5/8"-12	36.8	42.8
JP-24T	1-1/2"	38	1 7/8"-12	41.9	50.8
JP-32T	2"	50	2 1/2"-12	52.1	66.6

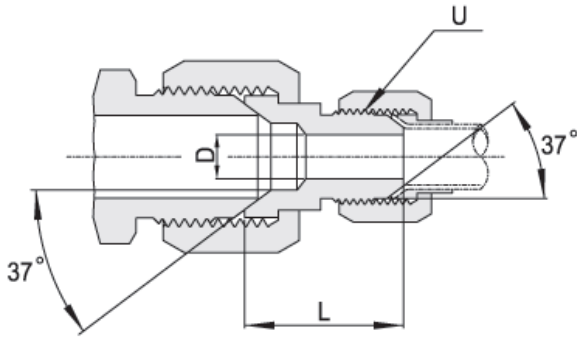
Part No.	Tube O.D.		U(UNF)	L	H (hex)
	Inch	mm			
JPP-2T	1/8"	3	5/16"-24	13.7	9.5
JPP-3T	3/16"	4	3/8"-24	15.2	11.0
JPP-4T	1/4"	6	7/16"-20	15.5	14.3
JPP-5T	5/16"	8	1/2"-20	17.0	15.8
JPP-6T	3/8"	10	9/16"-18	18.3	17.4
JPP-8T	1/2"	12	3/4"-16	21.3	22.2
JPP-10T	5/8"	16	7/8"-14	24.6	25.4
JPP-12T	3/4"	18,20	1 1/16"-12	25.9	31.7
JPP-14T	7/8"	22	1 3/16"-12	27.4	34.9
JPP-16T	1"	25	1 5/16"-12	28.4	38.1
JPP-20T	1-1/4"	32	1 5/8"-12	31.0	50.8
JPP-24T	1-1/2"	38	1 7/8"-12	35.8	57.1
JPP-32T	2"	50	2 1/2"-12	44.2	73.0

Spare Parts

SAE J514

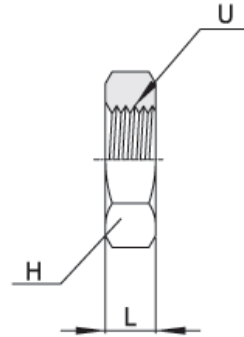
► Fitting Port Reducer

JPR



► Bulkhead Lock Nut

JLN



Part No.	Reducing Tube O.D	U(UNF)	D	L
JPR-6T-4T	3/8" x 1/4"	7/16"-20	4.4	24.6
JPR-8T-4T	1/2" x 1/4"	7/16"-20	4.4	25.4
JPR-8T-6T	1/2" x 3/8"	9/16"-18	7.5	25.4
JPR-10T-4T	5/8" x 1/4"	1/2"-20	4.4	26.2
JPR-10T-6T	5/8" x 3/8"	9/16"-18	7.5	26.2
JPR-12T-4T	3/4" x 1/4"	1/2"-20	4.4	27.7
JPR-12T-6T	3/4" x 3/8"	9/16"-18	7.5	27.7
JPR-12T-8T	3/4" x 1/2"	3/4"-16	10.0	30.2
JPR-16T-12T	1" x 3/4"	1 1/16"-12	15.5	37.3
JPR-20T-12T	1-1/4" x 3/4"	1 1/16"-12	15.5	38.3
JPR-20T-16T	1-1/4" x 1"	1 5/16"-12	21.5	40.3
JPR-24T-20T	1-1/2" x 1-1/4"	1 5/8"-12	27.5	42.9

Part No.	Tube O.D		U(UNF)	L	H (hex)
	Inch	mm			
JLN-2T	1/8"	3	5/16"-24	14.2	14.3
JLN-3T	3/16"	4	3/8"-24	15.8	15.8
JLN-4T	1/4"	6	7/16"-20	17.4	17.4
JLN-5T	5/16"	8	1/2"-20	19.0	19.0
JLN-6T	3/8"	10	9/16"-18	20.6	20.6
JLN-8T	1/2"	12	3/4"-16	25.4	25.4
JLN-10T	5/8"	16	7/8"-14	28.5	28.5
JLN-12T	3/4"	18,20	1 1/16"-12	34.9	34.9
JLN-14T	7/8"	22	1 3/16"-12	38.1	38.1
JLN-16T	1"	25	1 5/16"-12	41.2	41.2
JLN-20T	1-1/4"	32	1 5/8"-12	47.6	47.6
JLN-24T	1-1/2"	38	1 7/8"-12	53.9	53.9
JLN-32T	2"	50	2 1/2"-12	69.8	69.8



27 Noksansandan361-ro, Gangseo-gu
(Songjeong-dong), Busan, Korea

Tel : +82-51-899-6700, Fax : +82-51-899-6799

E-Mail : overseas@ehansun.co.kr

sales@ehansun.co.kr

Website : www.ehansun.co.kr, www.slok.co.kr