

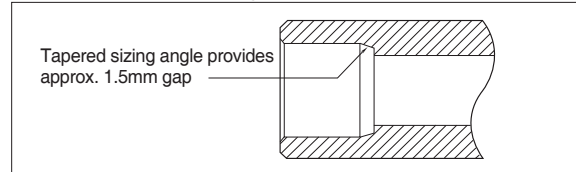
Weld Fittings

DK-Lok weld fittings are designed to provide permanent weld connections in pressure impulse, system vibration, and temperature cycling. Tube socket end design meets and exceeds the requirements of ASME B16.11 for ease of tube socket welding.

Features

- DK-Lok weld tube socket ports have a tapered sizing angle at the end that holds tubing properly and provides approx. 1.5mm(0.08") welding gap as specified in ASME B16.11. This feature allows consistent welding assembly as well as pre-assembly of many tubing runs before welding.
- Fittings are available in stainless steel only. Thus the part number of table below contains the material designator-S.

Tube socket weld fitting



Technical information

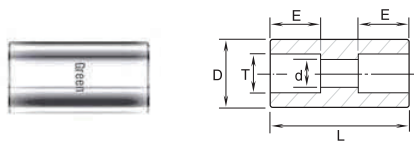
Use like tubing and fitting material. This ensure the same coefficient of expansion & reduction in the thermal cycle and the same corrosion resistance.

Standard fitting material is Stainless steel ASTM A276 type 316 of bar stock and ASTM A182 F316 of forging.

Pressure ratings shown in the dimensional tables are calculated in accordance with the requirements of ASME B31.3

UNION

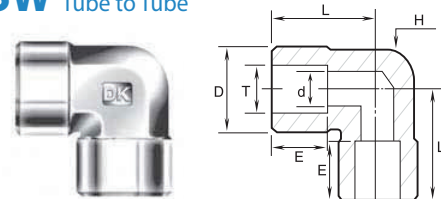
GUSW Tube to Tube



Part Number	T Tube O.D.	d mm	D mm	E mm	L mm	Working psig	Pressure bar
GUSW-4T-S	1/4	4.6	13.0	7.1	19.0	10,000	689
GUSW-6T-S	3/8	7.1	15.8	7.9	22.4	7,600	523
GUSW-8T-S	1/2	10.2	19.0	9.7	26.9	6,200	427
GUSW-10T-S	5/8	12.7	24.0	10.4	30.2	6,400	440
GUSW-12T-S	3/4	15.7	26.9	11.2	33.3	5,500	378
GUSW-16T-S	1	22.1	35.0	15.7	36.6	5,200	358

UNION ELBOW

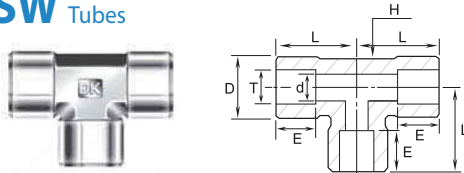
GLSW Tube to Tube



Part Number	T Tube O.D.	d mm	D mm	E mm	H Wrench Flat mm	L mm	Working psig	Pressure bar
GLSW-4T-S	1/4	4.6	13.4	7.1	12.7	21.8	11,300	778
GLSW-6T-S	3/8	7.1	15.8	7.9	12.7	24.5	8,400	578
GLSW-8T-S	1/2	10.2	20.6	9.7	17.4	29.0	7,800	537
GLSW-10T-S	5/8	12.7	23.8	10.4	20.6	34.5	6,700	461
GLSW-12T-S	3/4	15.7	28.6	11.2	25.4	37.0	6,700	461
GLSW-16T-S	1	22.1	35.0	15.7	31.8	46.5	5,800	400

UNION TEE

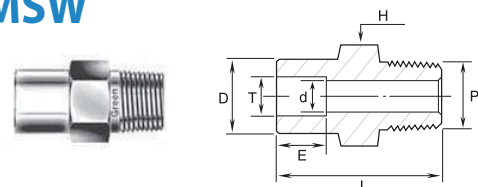
GTSW Tubes



Part Number	T Tube O.D.	d mm	D mm	E mm	H Wrench Flat mm	L mm	Working psig	Pressure bar
GTSW-2T-S	1/8	2.3	13.4	2.5	12.7	15.0	11,800	813
GTSW-4T-S	1/4	4.6	13.4	7.1	12.7	21.8	11,300	778
GTSW-6T-S	3/8	7.1	15.8	7.9	12.7	24.0	8,400	578
GTSW-8T-S	1/2	10.2	20.6	9.7	17.4	29.0	7,800	537
GTSW-10T-S	5/8	12.7	23.8	10.4	20.6	34.5	6,700	461
GTSW-12T-S	3/4	15.7	28.6	11.2	25.4	37.0	6,700	461
GTSW-16T-S	1	22.1	35.0	15.7	31.8	46.5	5,800	400

MALE CONNECTOR

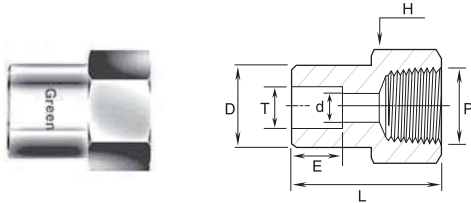
GCMSW



Part Number	T Tube O.D.	P NPT in.	d mm	D mm	E mm	H Hex mm	L mm	Working psig	Pressure bar
GCMSW4T-4N-S	1/4	1/4	4.6	12.2	7.1	14.2	29.2	7,500	516
GCMSW6T-4N-S	3/8	1/4	7.1	15.3	7.9	15.8	31.8	7,500	516
GCMSW6T-6N-S	3/8	3/8	7.1	15.3	7.9	17.4	31.8	7,300	502
GCMSW6T-8N-S	3/8	1/2	7.1	15.3	7.9	22.2	37.8	7,200	496
GCMSW8T-4N-S	1/2	1/4	7.1	18.5	9.7	19.05	33.3	6,200	427
GCMSW8T-6N-S	1/2	3/8	9.4	18.5	9.7	19.05	33.3	6,200	427
GCMSW8T-8N-S	1/2	1/2	10.2	18.5	9.7	22.2	38.9	6,200	427

FEMALE CONNECTOR

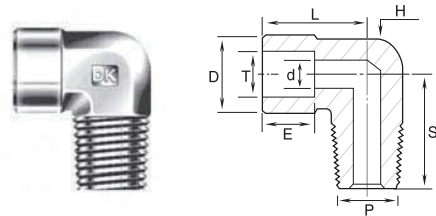
GCFSW Tube to female NPT



Part Number	T Tube O.D.	P-NPT	d mm	D mm	E mm	H Hex mm	L mm	Working psig	Pressure bar
GCFSW 2T-2N-S	1/8	1/8	2.3	7.4	2.5	14.2	21.1	6100	420
GCFSW 4T-2N-S	1/4	1/8	4.6	12.2	7.1	14.2	26.7	6100	420
GCFSW 4T-4N-S	1/4	1/4	4.6	12.2	7.1	19.05	30.0	6200	427
GCFSW 6T-4N-S	3/8	1/4	7.1	15.3	7.9	19.05	31.5	6200	427
GCFSW 8T-6N-S	1/2	3/8	10.2	18.5	9.7	22.2	34.5	5000	344
GCFSW 8T-8N-S	1/2	1/2	10.2	18.5	9.7	26.9	40.4	4600	316
GCFSW10T-8N-S	5/8	1/2	12.7	23.4	10.4	26.9	41.9	4600	316
GCFSW12T-12N-S	3/4	3/4	15.7	26.7	11.2	33.3	43.9	4300	296

MALE ELBOW

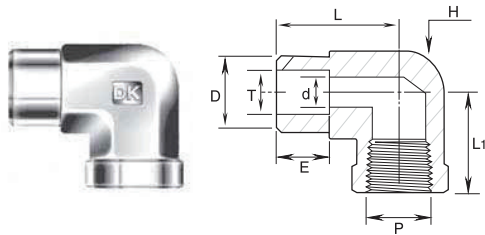
GLMSW Tube to male NPT



Part Number	T Tube O.D.	P-NPT	d mm	D mm	E mm	H Wrench Flat mm	L mm	S mm	Working psig	Pressure bar
GLMSW 4T-4N-S	1/4	1/4	4.6	15.8	7.1	12.7	20.1	24.5	7500	516
GLMSW 6T-4N-S	3/8	1/4	7.1	15.8	7.9	12.7	24.1	24.5	7500	516
GLMSW 6T-6N-S	3/8	3/8	7.1	20.6	7.9	17.4	24.6	29.0	7300	502
GLMSW 6T-8N-S	3/8	1/2	7.1	23.8	7.9	20.6	25.9	34.5	7200	496
GLMSW 8T-8N-S	1/2	1/2	10.2	23.8	9.7	20.6	27.4	34.5	6200	427
GLMSW12T-12N-S	3/4	3/4	15.7	28.6	11.2	25.4	37.0	37.0	6700	461

FEMALE ELBOW

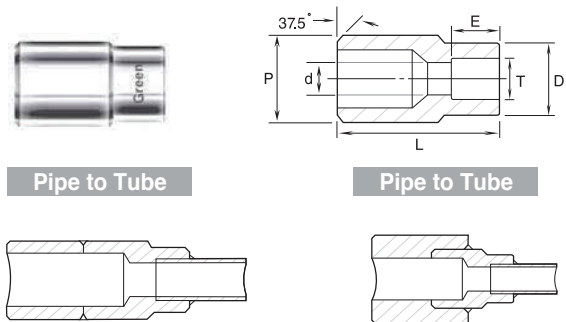
GLFSW Tube to female NPT



Part Number	T Tube O.D.	P-NPT	d mm	D mm	E mm	H Wrench Flat mm	L mm	L1 mm	Working Pressure	
									psig	bar
GLFSW4T-4N-S	1/4	1/4	4.6	12.2	7.1	17.4	22.9	29.7	6200	427
GLFSW6T-4N-S	3/8	1/4	7.1	15.3	7.9	17.4	25.1	29.7	7000	482
GLFSW6T-8N-S	3/8	1/2	7.1	15.3	7.9	25.4	28.7	37.0	5400	372
GLFSW8T-8N-S	1/2	1/2	10.2	18.5	9.7	25.4	30.2	37.0	5400	372

PIPE TO TUBE SOCKET WELD

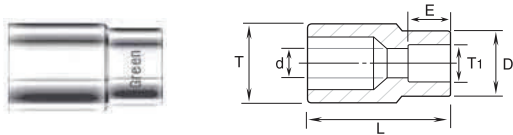
GUWSW



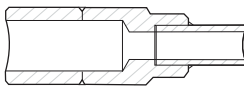
Part Number	P Pipe Size	T Tube Socket O.D.	d mm	D mm	E mm	L mm	Working Pressure	
							psig	bar
GUWSW4P-4T-S	1/4	1/4	4.6	13.7	7.1	22.4	9600	661
GUWSW6P-6T-S	3/8	3/8	7.1	15.3	7.9	26.2	7600	523
GUWSW6P-8T-S	3/8	1/2	10.2	18.5	9.7	27.9	6200	427
GUWSW8P-4T-S	1/2	1/4	4.6	12.2	7.1	28.4	7300	502
GUWSW8P-6T-S	1/2	3/8	7.1	15.3	7.9	28.4	7300	502
GUWSW8P-8T-S	1/2	1/2	10.2	18.5	9.7	30.2	6200	427
GUWSW12P-6T-S	3/4	3/8	7.1	15.3	7.9	38.1	6200	427
GUWSW12P-8T-S	3/4	1/2	10.2	18.5	9.7	38.1	6200	427

TUBE TO TUBE SOCKET WELD

GUTWSW



Tube to Tube



Part Number	T Tube O.D	T1 Tube Socket O.D	d mm	D mm	E mm	L mm	Working Pressure	
							psig	bar
GUTWSW 4T-2T-S	1/4	1/8	2.3	7.4	2.5	14.2	11800	813
GUTWSW 6T-4T-S	3/8	1/4	4.6	12.2	7.1	19.1	7700	530
GUTWSW 8T-4T-S	1/2	1/4	4.6	12.7	7.1	22.4	7000	482
GUTWSW 8T-6T-S	1/2	3/8	8.1	15.7	7.9	22.4	7000	482
GUTWSW 12T-8T-S	3/4	1/2	10.2	18.5	9.7	28.4	5900	406
GUTWSW 16T-8T-S	1	1/2	10.2	18.5	9.7	35.1	5600	386

NOTE

All dimensions are in millimeters unless otherwise specified and only for reference. All dimensions are subject to change. All dimensions are subject to change. All the dimensions shown in this catalog are not for design purpose, but for reference only and the accuracy of information here is not the liability of our company.