DAWSONS-TECH®

OVER 35 YEARS OF EXPERIENCE

AN ISO 9001 COMPANY

TUBE FITTINGS AS PER DIN 2353

Most Cost Effetive, World Class Quality Flow Control Solutions for Wide Range of Industries and Applications

www.dawsonstech.com

THE COMPANY

DAWSONS-TECH is an ISO 9001:2015 certified manufacturing company offers wide range of ***Consistent and Reliable World Class Quality Flow Control Components*** used in Fluid / Gas Control systems in a wide range of Industries.

MANUFACTURING :

DAWSONS-TECH established its comprehensive state of art manufacturing and testing facility installing various CNC Turning Centre and CNC Turnmill Centre, Vertical Machining Centre, etc. with the highly motivated and dedicated team of employees in place. This facilitate us to design and manufacture our product range under stringent quality checks and measurements that ensures ***"A TOTAL CUSTOMER SATISFACTIONS WITH ZERO DEFECT PRODUCTS"***.

QUALITY:

DAWSONS-TECH persues not only performance of its products but also ensures ***"TOTAL QUALITY CONTROL MANAGEMENT SYSTEMS IN ACCORDANCE TO ISO 9001:2015"*** which is achieved by alerting and educating each and every employee, the importance of quality and by implementing the quality control procedures at every stage of production to final inspection from incoming raw material to finish products.

CERTIFICATIONS :

DAWSONS-TECH believes in total quality management systems which has earned us following certifications:

ISO 9001-2015

High Pressure Ball Valves
(Type Tested to MSS SP-99-2016a)

High Pressure Ball Valves
(Pneumatic Test)

Instrumentation Needle Valves
(Type Tested to MSS SP-99-2016a)

Instrumentation Gauge Valves
(Type Tested to MSS SP-99-2016a)

Check (Non-Return) Valves
(Type Tested to MSS SP-99-2016a)

Stainless Steel Gauge Cock
(Type Tested to MSS SP-99-2016a)

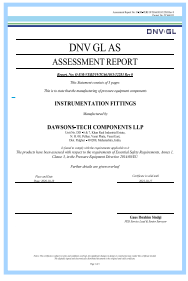
Stainless Steel Gauge Cock
(Pneumatic Test)

High Pressure Wellhead Components
(Hydro Static Proof Test to MSS SP-99-2016a)

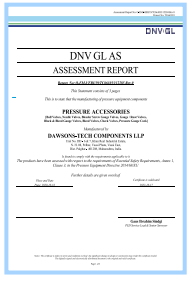
Body Vent (Bleeder) Fittings
(Hydro Static Proof Test to MSS SP-99-2016a)

High Purity Metal Gasket Face Seal Fittings
(Helium Leak Detection Test)

'O' Ring Face Seal Fittings
(Helium Leak Detection Test)



Instrumentation Fittings
(PED 2014/68/EU)



Pressure Accessories (Valves)
(PED 2014/68/EU)

RESEARCH & DEVELOPMENT :

With our long experience, expertise and continues Research & Development with incorporation of advanced technology and high-tech cutting-edge machineries, ***DAWSONS-TECH*** is committed to constant upgradation and expand its product range to meet the requirements of its customer to their entire satisfaction at every time.

CUSTOMER SATISFACTION:

We strive to achieve total customer satisfaction and continuously work to set higher goals to provide the reliable quality, timely delivery of our products and prompt services in the best interest of our customers with very competitive price.

DAWSONS-TECH Stainless Steel Flareless Bite Type Tube Fittings are designed according to DIN 2353 and manufactured under strict quality assurance procedure approved to ISO 9001:2015 and tested according to extensive testing procedure which ensures leak free connection of tubes and components in fluid systems.

DAWSONS-TECH manufacture the Flare Less Bite Type Tube Fittings in accordance with the following standard

TUBE FITTINGS : DIN 2353
TUBE CONNECTION SIDE : DIN 3861 and ISO 8434

MALE STUD AND PORT TAPPING FOR

METRIC AND BSP THREADS : DIN 3852 part 1 and 2
NPT THREAD : ANSI / ASME B1.20.1
UN/UNF THREAD : SAE J514
METRIC THREAD WITH O-RING SEAL : ISO 6149 and DIN 3852 part 3
SWIVEL NUTS AND WELD FITTINGS : DIN 3865
TECHNICAL TERMS FOR TUBE FITTINGS : DIN 3859

MATERIAL :

DAWSONS-TECH Flare Less Bite Type Tube Fittings are available as standard in material stainless steel.

PRESSURE RATING:

DAWSONS-TECH Flare Less Bite Type Tube Fittings are suitable for use at the following nominal pressure.

SERIES	TUBE OD	NOMINAL PRESSURE
L (Light)	6-15mm	250 bar
	18-22mm	160 bar
	28-42mm	100 bar
S (heavy)	6-14mm	630 bar
	16-25mm	400 bar
	30-38mm	250 bar

Notes : Since many factor influence the pressure at which a system will or will not perform satisfactorily. Detail as shown above are only for guidance and not rigid.

TEMPERATURE RATING :

STAINLESS STEEL : up to 400°C
CAUTION : For higher temperatures, reduction in pressures should be taken in to account

FOR SEAL MATERIAL :

BUNA-N : -35°C to 100°C
FPM (VITON)® : -25°C to 200°C

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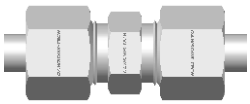
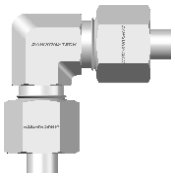
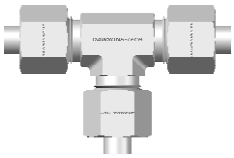
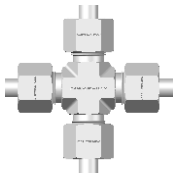
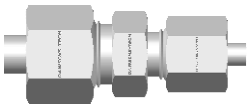
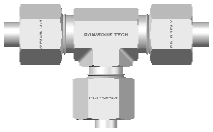
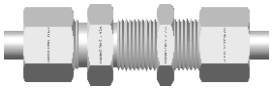
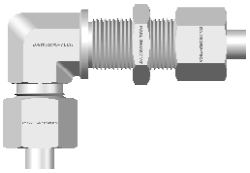
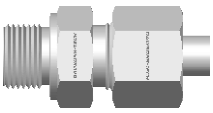
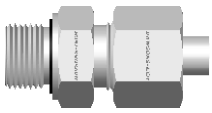
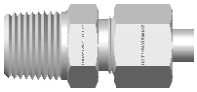
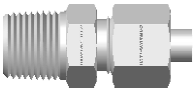
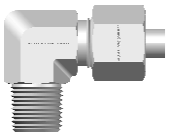
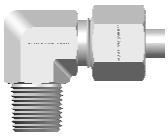
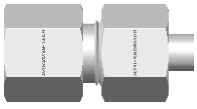
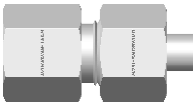
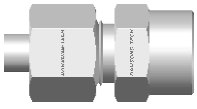
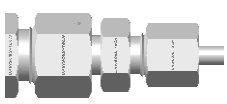
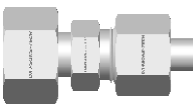
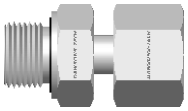
Straight Fittings Tube to Tube.....7 	**Equal Elbow Fittings** Tube to Tube.....8 	**Equal Tee Fittings** Tube to Tube.....9 	**Equal Cross Fittings** Tube to Tube.....10 
Straight Reducer Fittings Tube to Tube.....11 	**Tee Reducer Fittings** Tube to Tube Series L.....12 Tube to Tube Series S.....13 	**Straight Bulkhead Fittings** Tube to Tube.....14 	**Bulkhead Elbow Fittings** Tube to Tube.....15 
Weld Bulkhead Fittings Tube to Tube.....16 	**Straight Male Stud Fittings** (Cutting face to DIN 3852 form B) Tube to BSP Parallel Thread..17,18 Tube to Metric Parallel Thread.... 19 	**Straight Male Stud Fittings** (Sealing with ED Seal) Tube to BSP Parallel Thread.....20 Tube to Metric Parallel Thread... 21 	**Straight Male Stud Fittings** (Sealing with O-Ring) Tube to Metric Parallel Thread...22 Tube to UN/UNF Thread..... 23
Straight Male Stud Fittings (Sealing by Taper thread) Tube to BSP Taper Thread.....24 Tube to Metric TaperThread... 24 	**Straight Male Stud Fittings** (Sealing by NPT thread) Tube to NPT Thread.....25 	**Male Stud Elbow Fittings** (Sealing by Taper thread) Tube to BSP Taper Thread.....26 Tube to Metric Taper Thread... 26 	**Male Stud Elbow Fittings** (Sealing by NPT thread) Tube to NPT Thread.....27 
Straight Female Stud Fittings Tube to BSP Parallel Thread.....28 Tube to BSP Taper Thread... 28 	**Straight Female Stud Fittings** Tube to Metric Parallel Thread...29 	**Pressure Gauge Fittings** (Sealing with DK Seal) Tube to Female BSP Thread...30 	**Pressure Gauge Fittings with Swivel Nut** (Sealing with DK Seal) Swivel to Female BSP Thread...31
Reducing Tube Adaptor with Swivel Nut Tube to Swivel Nut (Series L)....32 Tube to Swivel Nut (Series S)....33 	**Reducing Standpipe Fittings** Tube to Swivel (Series L).....34 Tube to Swivel (Series S).....35 	**Straight Stud Standpipes** (Sealing with ED Seal) Swivel to BSP Parallel Thread.....36 Swivel to Metric Parallel Thread..37 	**Straight Stud Adaptor with Swivel Nut** (Sealing with ED Seal) Swivel to BSP Parallel Thread.....38 Swivel to Metric Parallel Thread..39

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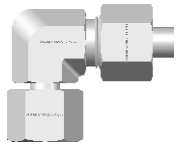
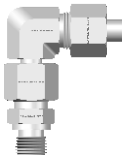
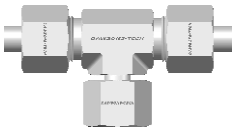
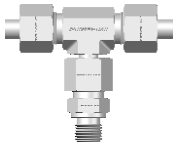
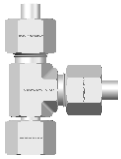
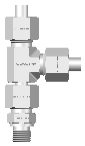
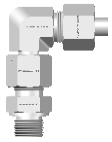
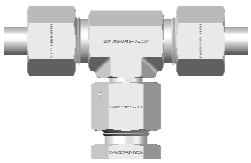
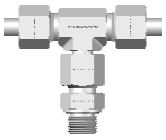
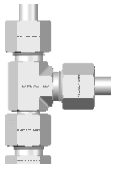
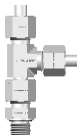
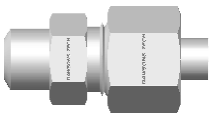
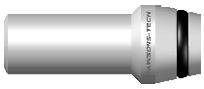
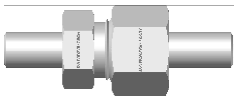
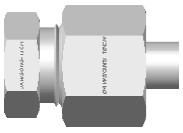
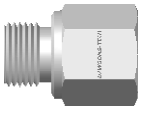
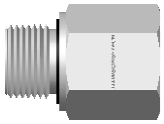
Adjustable Elbow Fittings (For Adaptions) Tube to Swivel.....40 	**Adjustable Elbow Fitting** (Cutting face to DIN 3852 form B) Tube to BSP Parallel Thread.....41 Tube to Metric Parallel Thread...42 	**Adjustable Tee Fittings** (For Adaptions) Tube to Swivel.....43 	**Adjustable Tee Fittings** (Cutting face to DIN 3852 form B) Tube to BSP Parallel Thread.....44 Tube to Metric Parallel Thread...45 
Adjustable Barrel Tee Fittings (For Adaptions) Tube to Swivel.....46 	**Adjustable Barrel Tee Fittings** (Cutting face to DIN 3852 form B) Tube to BSP Parallel Thread.....47 Tube to Metric Parallel Thread...48 	**Adjustable Elbow Fittings with Swivel Nut** (For Adaptions) Tube to Swivel.....49 	**Adjustable Elbow Fittings with Swivel Nut** (Sealing with ED Seal) Tube to BSP Parallel Thread.....50 Tube to Metric Parallel Thread..51 
Adjustable Tee Fittings with Swivel Nut (For Adaptions) Tube to Swivel.....52 	**Adjustable Branch Tee Fittings with Swivel Nut** (Sealing with ED Seal) Tube to BSP Parallel Thread.....53 Tube to Metric Parallel Thread..54 	**Adjustable Barrel Tee Fittings with Swivel Nut** (For Adaptions) Tube to Swivel.....55 	**Adjustable Barrel Tee Fittings with Swivel Nut** (Sealing with ED Seal) Tube to BSP Parallel Thread.....56 Tube to Metric Parallel Thread..57 
Weld Fittings Tube to Pipe Weld.....58 	**Weld Nipples** Port to Pipe Weld.....59 	**Weld Nipples (Reducers)** Port to Pipe Weld.....60 	**Weld Fittings** Pipe to Pipe Weld.....61 
Blanking Ends Tube Ends.....62 	**Nut** Page.....63 	**Bite Ring** Page.....63 	**Reducing Thread Adaptors** (Cutting face to DIN 3852 form B) Male and Female. BSP Parallel Thread.....64 
Reducing Thread Adaptors (Sealing with ED Seal) Male and Female. BSP Parallel Thread.....65 	**Blanking Plugs** (Sealing with ED Seal) BSP Parallel Thread.....66 Metric Parallel Thread.....66 	**Blanking Plugs** (Sealing with O-Ring) Metric Parallel Thread.....66 	**Blanking Plugs to Fit Cones** (Sealing with O-Ring) Page.....67

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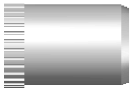
Bulkhead Fittings Nut Page.....67 	**Support Sleeves** Page.....68 	**Soft Sealing Rings** (For Banjo Fittings WH/TH Series) Page.....69 	**Metal Sealing Rings** (For Banjo Fittings WH/TH Series) Page.....70
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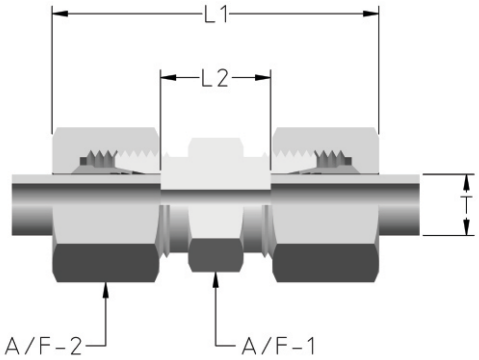
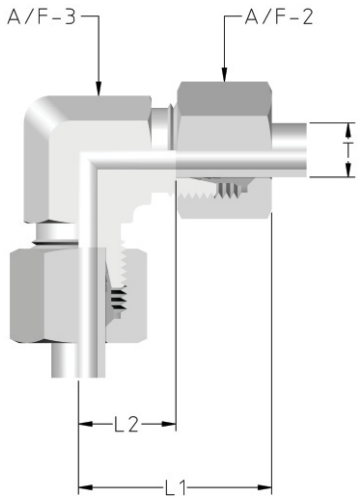


SERIES	TUBE O. D.	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T (mm)	L1	L2	A/F1	A/F2		
L -Light PN 315	6	39	10	12	14	G-6L	0.34
	8	40	11	14	17	G-8L	0.49
	10	42	13	17	19	G-10L	0.62
	12	43	14	19	22	G-12L	0.83
	15	46	16	24	27	G-15L	1.37
	18	48	16	27	32	G-18L	1.94
PN 160	22	52	20	32	36	G-22L	2.62
	28	54	21	41	41	G-28L	3.37
	35	63	20	46	50	G-35L	5.20
	42	66	21	55	60	G-42L	7.73
S-Heavy PN 630	6	45	16	14	17	G-6S	0.61
	8	47	18	17	19	G-8S	0.79
	10	49	17	19	22	G-10S	1.07
	12	51	19	22	24	G-12S	1.33
	14	57	22	24	27	G-14S	1.84
PN 400	16	57	21	27	30	G-16S	2.27
	20	66	23	32	36	G-20S	3.63
	25	74	26	41	46	G-25S	6.89
	30	80	27	46	50	G-30S	8.11
PN 315	38	90	29	55	60	G-38S	12.27

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



SERIES	TUBE O. D.	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T (mm)	L1	L2	A/F2	A/F3		
L-Light PN 315	6	27	12	14	12	W-6L	0.51
	8	29	14	17	12	W-8L	0.75
	10	30	15	19	14	W-10L	0.98
	12	32	17	22	17	W-12L	1.34
	15	36	21	27	19	W-15L	1.62
	18	40	23.5	32	24	W-18L	2.36
PN 160	22	44	27.5	36	27	W-22L	3.26
	28	47	30.5	41	36	W-28L	4.57
	35	56	34.5	50	41	W-35L	7.07
	42	63	40.0	60	50	W-42L	10.86
S-Heavy PN 630	6	31	16	17	12	W-6S	0.87
	8	32	17	19	14	W-8S	1.16
	10	34	17.5	22	17	W-10S	1.60
	12	38	21.5	24	19	W-12S	2.10
	14	40	22.0	27	19	W-14S	2.03
PN 400	16	43	24.5	30	24	W-16S	2.70
	20	48	26.5	36	27	W-20S	4.15
	25	54	30.0	46	36	W-25S	7.96
	30	62	35.5	50	41	W-30S	10.28
PN 315	38	72	41.0	60	50	W-38S	15.47

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
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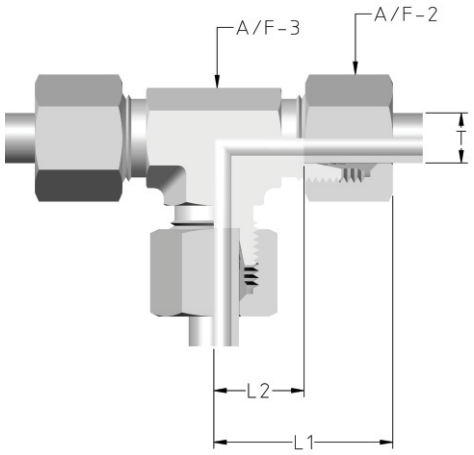

SERIES	TUBE O. D.	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T (mm)	L1	L2	A/F2	A/F3		
L-Light PN 315	6	27	12	14	12	T-6L	0.71
	8	29	14	17	12	T-8L	1.01
	10	30	15	19	14	T-10L	1.28
	12	32	17	22	17	T-12L	1.70
	15	36	21	27	19	T-15L	2.30
	18	40	23.5	32	24	T-18L	3.35
PN 160	22	44	27.5	36	27	T-22L	4.43
	28	47	30.5	41	36	T-28L	6.22
	35	56	34.5	50	41	T-35L	9.39
	42	63	40.0	60	50	T-42L	14.32
S-Heavy PN 630	6	31	16	17	12	T-6S	1.20
	8	32	17	19	14	T-8S	1.55
	10	34	17.5	22	17	T-10S	2.12
	12	38	21.5	24	19	T-12S	2.81
	14	40	22.0	27	19	T-14S	2.86
PN 400	16	43	24.5	30	24	T-16S	3.85
	20	48	26.5	36	27	T-20S	5.59
	25	54	30.0	46	36	T-25S	11.24
	30	62	35.5	50	41	T-30S	14.10
PN 315	38	72	41.0	60	50	T-38S	21.09

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
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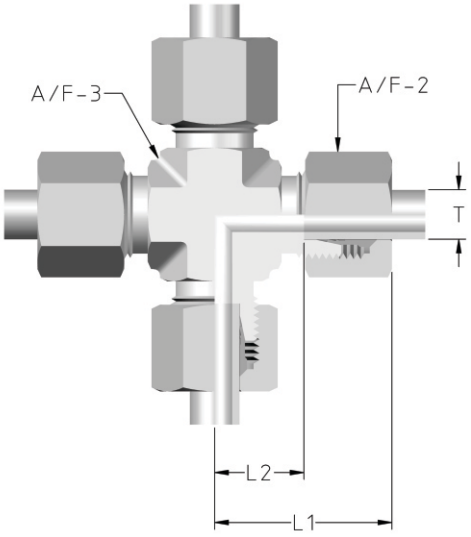

SERIES	TUBE O. D.	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T (mm)	L1	L2	A/F2	A/F3		
L-Light PN 315	6	27	12	14	12	K-6L	0.78
	8	29	14	17	12	K-8L	1.05
	10	30	15	19	14	K-10L	1.30
	12	32	17	22	17	K-12L	1.77
	15	36	21	27	19	K-15L	2.95
	18	40	23.5	32	24	K-18L	4.29
PN 160	22	44	27.5	36	27	K-22L	5.77
	28	47	30.5	41	36	K-28L	7.78
	35	56	34.5	50	41	K-35L	11.86
	42	63	40.0	60	50	K-42L	18.06
S-Heavy PN 630	6	31	16	17	12	K-6S	1.28
	8	32	17	19	14	K-8S	1.66
	10	34	17.5	22	17	K-10S	2.25
	12	38	21.5	24	19	K-12S	2.78
	14	40	22.0	27	19	K-14S	3.72
PN 400	16	43	24.5	30	24	K-16S	4.97
	20	48	26.5	36	27	K-20S	7.58
	25	54	30.0	46	36	K-25S	14.18
	30	62	35.5	50	41	K-30S	18.05
PN 315	38	72	41.0	60	50	K-38S	26.20

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
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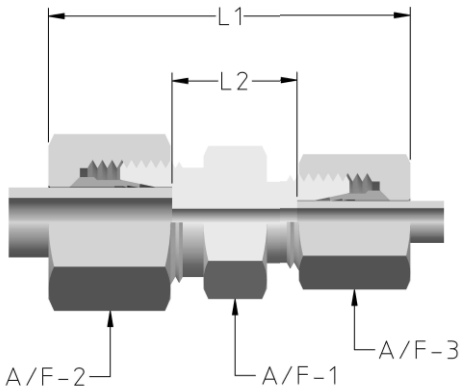
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT REDUCER FITTINGS - GR

TUBE CONNECTION : Both Side according to DIN 2353



SERIES	TUBE O. D.		Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1 (mm)	T2 (mm)	L1	L2	A/F1	A/F2	A/F3		
L-Light PN 315	8	6	40	11	14	17	14	GR-8L-6L	0.43
	10	6	41	12	17	19	14	GR-10L-6L	0.52
	10	8	41	12	17	19	17	GR-10L-8L	0.57
	12	6	42	13	19	22	14	GR-12L-6L	0.65
	12	8	42	13	19	22	17	GR-12L-8L	0.70
	12	10	43	14	19	22	19	GR-12L-10L	0.75
	15	10	45	15	24	27	19	GR-15L-10L	1.07
	15	12	45	15	24	27	22	GR-15L-12L	1.14
	18	10	46	15.5	27	32	19	GR-18L-10L	1.43
	18	12	46	15.5	27	32	22	GR-18L-12L	1.50
	18	15	48	16.5	27	32	27	GR-18L-15L	1.72
PN 160	22	12	48	17.5	32	36	22	GR-22L-12L	1.93
	22	15	50	18.5	32	36	27	GR-22L-15L	2.18
	22	18	50	18	32	36	32	GR-22L-18L	2.38
	28	18	52	19	41	41	32	GR-28L-18L	3.06
	28	22	54	21	41	41	36	GR-28L-22L	3.26
	35	22	59	21	46	50	36	GR-35L-22L	4.43
	35	28	59	21	46	50	41	GR-35L-28L	4.61
S-Heavy PN 630	8	6	47	18	17	19	17	GR-8L-6S	0.74
	10	6	48	17.5	19	22	17	GR-10S-6S	0.91
	10	8	48	17.5	19	22	19	GR-10S-8S	0.95
	12	6	50	19.5	22	24	17	GR-12S-6S	1.11
	12	8	50	19.5	22	24	19	GR-12S-8S	1.15
	12	10	51	19	22	24	22	GR-12S-10S	1.27
	14	10	54	20.5	24	27	22	GR-14S-10S	1.56
	14	12	54	20.5	24	27	24	GR-14S-12S	1.62
PN 400	16	12	54	20	27	30	24	GR-16S-12S	1.88
	16	14	57	21.5	27	30	27	GR-16S-14S	2.12
	20	10	60	22	32	36	22	GR-20S-10S	2.71
	20	12	60	22	32	36	24	GR-20S-12S	2.77
	20	16	63	23	32	36	30	GR-20S-16S	3.13
	25	16	68	25.5	41	46	30	GR-25S-16S	5.12
	25	20	71	25.5	41	46	36	GR-25S-20S	5.64
	30	20	74	26	46	50	36	GR-30S-20S	6.51
	30	25	77	26.5	46	50	46	GR-30S-25S	7.78
	38	30	87	29.5	55	60	50	GR-38S-30S	11.03

- Dimension L1 is approximate length with tightened nut
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
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- Available in Material SS316L
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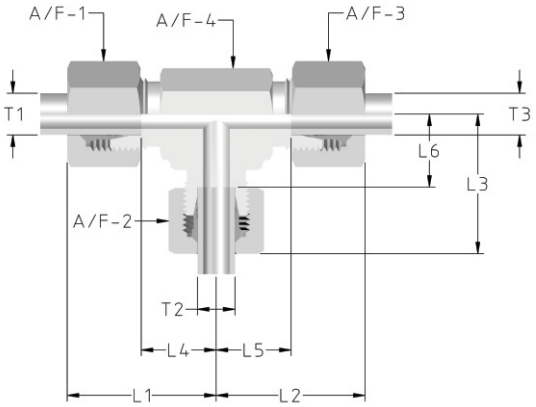
TEE REDUCER FITTINGS - TR

TUBE CONNECTION : All Three Sides according to DIN 2353



SERIES L-Light	TUBE O.D. (mm)			Dimensions are in millimeters										DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2	T3	L1	L2	L3	L4	L5	L6	A/F1	A/F2	A/F3	A/F4		
PN 316	6	8	6	29	29	29	14	14	14	14	17	14	14	TR-6L-8L-6L	0.92
	8	6	8	29	29	29	14	14	14	17	14	17	14	TR-8L-6L-8L	0.95
PN 315	6	10	6	30	30	30	15	15	15	14	19	14	14	TR-6L-10L-6L	1.14
	8	10	8	30	30	30	15	15	15	17	19	17	14	TR-8L-10L-8L	1.22
	10	6	10	30	30	30	15	15	15	19	14	19	14	TR-10L-6L-10L	1.21
	10	8	10	30	30	30	15	15	15	19	17	19	14	TR-10L-8L-10L	1.22
	10	10	6	30	30	30	15	15	15	19	19	14	14	TR-10L-10L-6L	1.21
PN 315	8	12	8	32	32	32	17	17	17	17	22	17	17	TR-8L-12L-8L	1.60
	12	6	12	32	32	32	17	17	17	22	14	22	17	TR-12L-6L-12L	1.59
	12	8	8	32	32	32	17	17	17	22	17	17	17	TR-12L-8L-8L	1.60
	12	8	12	32	32	32	17	17	17	22	17	22	17	TR-12L-8L-12L	1.64
	12	10	10	32	32	32	17	17	17	22	19	19	17	TR-12L-10L-10L	1.62
	12	10	12	32	32	32	17	17	17	22	19	22	17	TR-12L-10L-12L	1.67
	12	12	10	32	32	32	17	17	17	22	22	19	17	TR-12L-12L-10L	1.67
PN 315	10	15	10	36	36	36	21	21	21	19	27	19	19	TR-10L-15L-10L	1.88
	12	15	12	36	36	36	21	21	21	22	27	22	19	TR-12L-15L-12L	1.92
	15	6	15	36	36	36	21	21	21	27	14	27	19	TR-15L-6L-15L	1.94
	15	10	15	36	36	36	21	21	21	27	19	27	19	TR-15L-10L-15L	2.07
	15	12	12	36	36	36	21	21	21	27	22	22	19	TR-15L-12L-12L	1.88
	15	12	15	36	36	36	21	21	21	27	22	27	19	TR-15L-12L-15L	2.11
	15	15	12	36	36	36	21	21	21	27	27	22	19	TR-15L-15L-12L	2.08
PN 315	12	18	12	39	39	40	24	24	23.5	22	32	22	24	TR-12L-18L-12L	2.63
	18	10	10	40	39	39	23.5	24	24	32	19	19	24	TR-18L-10L-10L	2.59
	18	10	18	40	40	39	23.5	23.5	24	32	19	32	24	TR-18L-10L-18L	2.97
	18	12	18	40	40	39	23.5	23.5	24	32	22	32	24	TR-18L-12L-18L	2.97
	18	15	18	40	40	39	23.5	23.5	24	32	27	32	24	TR-18L-15L-18L	3.16
	18	18	10	40	39	40	23.5	24	23.5	32	32	19	24	TR-18L-18L-10L	2.96
PN 160	22	10	22	44	44	43	27.5	27.5	28	36	19	36	27	TR-22L-10L-22L	3.91
	22	12	22	44	44	43	27.5	27.5	28	36	22	36	27	TR-22L-12L-22L	3.97
	22	15	15	44	43	43	27.5	28	28	36	27	27	27	TR-22L-15L-15L	3.77
	22	15	22	44	44	43	27.5	27.5	28	36	27	36	27	TR-22L-15L-22L	4.10
	22	18	18	44	44	44	27.5	27.5	27.5	36	32	32	27	TR-22L-18L-18L	4.22
	22	18	22	44	44	44	27.5	27.5	27.5	36	32	36	27	TR-22L-18L-22L	4.35
	22	22	18	44	44	44	27.5	27.5	27.5	36	36	32	27	TR-22L-22L-18L	4.31
PN 160	28	10	28	47	47	46	30.5	30.5	31	41	19	41	36	TR-28L-10L-28L	5.57
	28	12	28	47	47	46	30.5	30.5	31	41	22	41	36	TR-28L-12L-28L	5.63
	28	15	28	47	47	46	30.5	30.5	31	41	27	41	36	TR-28L-15L-28L	5.97
	28	18	28	47	47	47	30.5	30.5	30.5	41	32	41	36	TR-28L-18L-28L	5.97
	28	22	22	47	47	47	30.5	30.5	30.5	41	36	36	36	TR-28L-22L-22L	6.02
	28	22	28	47	47	47	30.5	30.5	30.5	41	36	41	36	TR-28L-22L-28L	6.03

- Dimension L1, L2,& L3 are approximate length with tightened nut.
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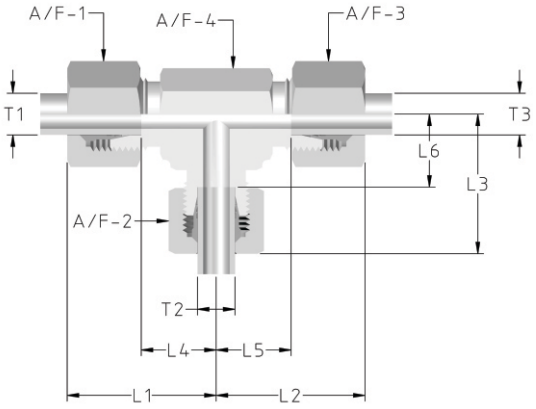
TEE REDUCER FITTINGS - TR

TUBE CONNECTION : All Three Sides according to DIN 2353



SERIES S-Heavy	TUBE O.D. (mm)			Dimensions are in millimeters										DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2	T3	L1	L2	L3	L4	L5	L6	A/F1	A/F2	A/F3	A/F4		
PN 630	10	6	10	34	34	33	17.5	17.5	18	22	17	22	17	TR-10S-6S-10S	1.99
PN 630	12	8	8	38	37	37	21.5	22	22	24	19	19	17	TR-12S-8S-8S	2.51
	12	8	12	38	38	37	21.5	21.5	22	24	19	24	17	TR-12S-8S-12S	2.66
	12	10	12	38	38	38	21.5	21.5	21.5	24	22	24	17	TR-12S-10S-12S	2.75
PN 400	12	16	12	42	42	43	25.5	25.5	24.5	24	30	24	24	TR-12S-16S-12S	3.29
	16	6	16	43	43	41	24.5	24.5	26	30	17	30	24	TR-16S-6S-16S	3.33
	16	8	16	43	43	41	24.5	24.5	26	30	19	30	24	TR-16S-8S-16S	3.32
	16	10	16	43	43	42	24.5	24.5	25.5	30	22	30	24	TR-16S-10S-16S	3.48
	16	12	16	43	43	42	24.5	24.5	25.5	30	24	30	24	TR-16S-12S-16S	3.56
PN 400	16	20	16	47	47	48	28.5	28.5	26.5	30	36	30	27	TR-16S-20S-16S	5.05
	20	10	20	48	48	46	26.5	26.5	29.5	36	22	36	27	TR-20S-10S-20S	5.17
	20	12	20	48	48	46	26.5	26.5	29.5	36	24	36	27	TR-20S-12S-20S	5.24
	20	16	20	48	48	47	26.5	26.5	28.5	36	30	36	27	TR-20S-16S-20S	5.42
PN 400	20	25	20	53	53	54	31.5	31.5	30	36	46	36	36	TR-20S-25S-20S	8.91
	25	16	25	54	54	52	30	30	33.5	46	30	46	36	TR-25S-16S-25S	9.66
	25	20	25	54	54	53	30	30	31.5	46	36	46	36	TR-25S-20S-25S	9.98
PN 400	25	30	25	61	61	62	37	37	35.5	46	50	46	41	TR-25S-30S-25S	13.94

- Dimension L1, L2,& L3 are approximate length with tightened nut.
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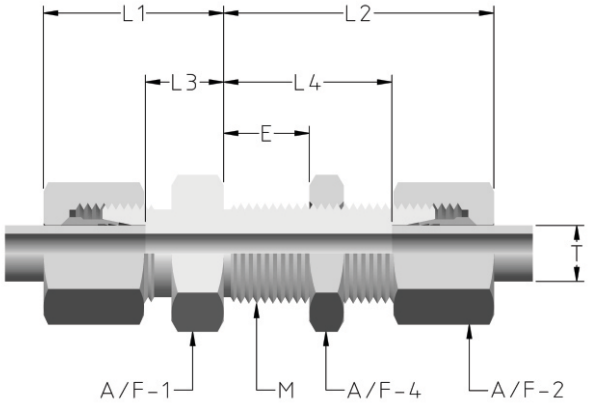
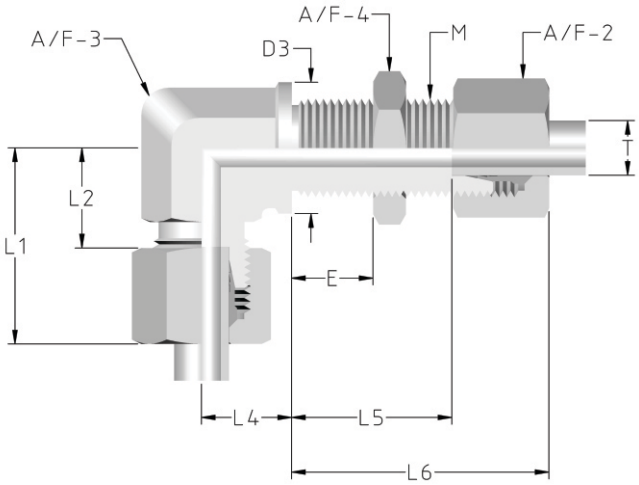
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



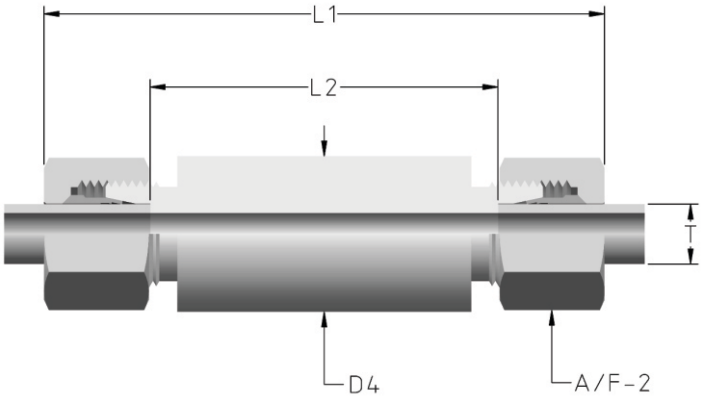
SERIES	TUBE O.D. (mm) T	Thread M	Dimensions are in millimeters L1	L2	L3	L4	A/F1	A/F2	A/F4	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 12 x1.5	22	42	7	27	17	14	17	SV-6L	0.60
	8	M 14x1.5	23	42	8	27	19	17	19	SV-8L	0.82
	10	M 16x1.5	25	43	10	28	22	19	22	SV-10L	1.06
	12	M 18x1.5	25	44	10	29	24	22	24	SV-12L	1.33
	15	M 22x1.5	27	46	12	31	27	27	30	SV-15L	2.16
	18	M 26x1.5	30	49	13.5	32.5	32	32	36	SV-18L	3.23
PN160	22	M 30x2	33	51	16.5	34.5	36	36	41	SV-22L	4.23
	28	M 36x2	35	52	18.5	35.5	41	41	46	SV-28L	5.37
	35	M 45x2	40	58	18.5	36.5	50	50	55	SV-35L	8.59
	42	M 52x2	42	59	19	36	60	60	65	SV-42L	12.34
S-Heavy PN 630	6	M 14x1.5	27	44	12	29	19	17	19	SV-6S	1.00
	8	M 16x1.5	28	44	13	29	22	19	22	SV-8S	1.30
	10	M 18x1.5	31	46	14.5	29.5	24	22	24	SV-10S	1.76
	12	M 20x1.5	31	47	14.5	30.5	27	24	27	SV-12S	2.14
	14	M 22x1.5	35	50	17	32	30	27	30	SV-14S	2.88
PN 400	16	M 24x1.5	35	50	16.5	31.5	32	30	32	SV-16S	3.40
	20	M 30x2	39	55	17.5	33.5	41	36	41	SV-20S	5.62
	25	M 36x2	44	59	20	35	46	46	46	SV-25S	9.32
	30	M 42x2	48	64	21.5	37.5	50	50	50	SV-30S	11.13
PN 315	38	M 52x2	53	68	22	37	65	60	65	SV-38S	17.65

- A/F4 Hexagonal Nut according to DIN 80705
- Dimension E = 16 mm max.
- Dimension L1 & L2 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



SERIES	TUBE O.D. (mm) T	Thread M	Dimensions are in millimeters									DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			D3	L1	L2	L4	L5	L6	A/F2	A/F3	A/F4		
L-Light PN 315	6	M 12 x1.5	17	27	12	14	27	42	14	12	17	WSV-6L	0.71
	8	M 14x1.5	19	29	14	17	27	42	17	12	19	WSV-8L	0.94
	10	M 16x1.5	22	30	15	18	28	43	19	14	22	WSV-10L	1.18
	12	M 18x1.5	24	32	17	20	29	44	22	17	24	WSV-12L	1.50
	15	M 22x1.5	27	36	21	23	31	46	27	19	27	WSV-15L	2.51
	18	M 26x1.5	32	40	23.5	24	32.5	49	32	24	36	WSV-18L	3.66
PN160	22	M 30x2	36	44	27.5	30	34.5	51	36	27	41	WSV-22L	4.83
	28	M 36x2	42	47	30.5	34	35.5	52	41	36	46	WSV-28L	6.85
	35	M 45x2	50	56	34.5	39	36.5	58	50	41	55	WSV-35L	10.41
	42	M 52x2	60	63	40	43	36	59	60	50	65	WSV-42L	15.09
S-Heavy PN 630	6	M 14x1.5	19	31	16	17	29	44	17	12	19	WSV-6S	1.07
	8	M 16x1.5	22	32	17	18	29	44	19	14	22	WSV-8S	1.41
	10	M 18x1.5	24	34	17.5	20	29.5	46	22	17	24	WSV-10S	1.87
	12	M 20x1.5	27	38	21.5	21	30.5	47	24	17	27	WSV-12S	2.39
	14	M 22x1.5	27	40	22	23	32	50	27	19	30	WSV-14S	3.02
PN 400	16	M 24x1.5	30	43	24.5	24	31.5	50	30	24	32	WSV-16S	3.79
	20	M 30x2	36	48	26.5	30	33.5	55	36	27	41	WSV-20S	6.05
	25	M 36x2	42	54	30	34	35	59	46	36	46	WSV-25S	10.58
	30	M 42x2	50	62	35.5	39	37.5	64	50	41	50	WSV-30S	13.42
PN 315	38	M 52x2	60	72	41	43	37	68	60	50	65	WSV-38S	20.19

- A/F4 Hexagonal Nut according to DIN 80705
- Dimension E = 16mm max.
- Dimension L1 & L6 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

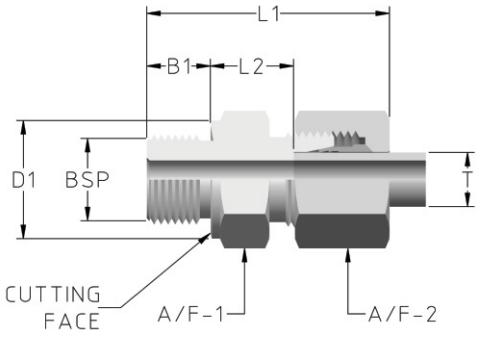


SERIES	TUBE O.D. (mm)	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
	T	D4	L1	L2	A/F2		
L-Light PN 315	6	18	85	56	14	ESV-6L	1.32
	8	20	85	56	17	ESV-8L	1.53
	10	22	87	58	19	ESV-10L	1.82
	12	25	87	58	22	ESV-12L	2.31
	15	28	100	70	27	ESV-15L	3.50
	18	32	101	69	32	ESV-18L	4.60
PN 160	22	36	105	73	36	ESV-22L	5.66
	28	40	106	73	41	ESV-28L	6.06
	35	50	114	71	50	ESV-35L	10.22
	42	60	115	70	60	ESV-42L	14.73
S-Heavy PN 630	6	20	89	60	17	ESV-6S	1.71
	8	22	89	60	19	ESV-8S	2.06
	10	25	91	59	22	ESV-10S	2.65
	12	28	91	59	24	ESV-12S	3.22
	14	30	107	72	27	ESV-14S	4.45
PN 400	16	35	107	71	30	ESV-16S	5.80
	20	38	114	71	36	ESV-20S	7.29
	25	45	120	72	46	ESV-25S	11.59
	30	50	126	73	50	ESV-30S	13.54
PN 315	38	60	133	72	60	ESV-38S	19.30

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GER

MALE STUD THREAD : BSP (parallel with cutting face to DIN 3852 from B)

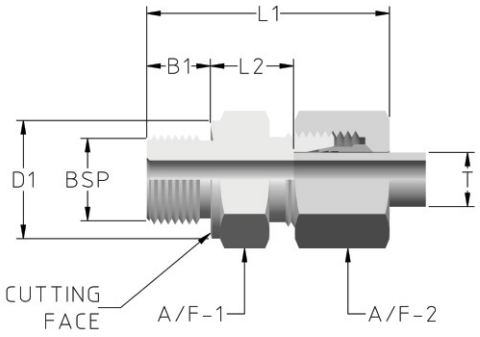


SERIES	TUBE O.D. (mm)	MALE STUD THREAD	Dimensions are in millimeters						DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	BSP	B1	D1	L1	L2	A/F1	A/F2		
L-Light PN 315	6	1/8	8	14	31	8.5	14	14	GER-6L-2RP	0.25
	6	1/4	12	18	37	10.0	19	14	GER-6L-4RP	0.35
	6	3/8	12	22	38	11.5	22	14	GER-6L-6RP	0.56
	6	1/2	14	26	41	12.0	27	14	GER-6L-8RP	0.73
	8	1/8	8	14	31	8.5	14	17	GER-8L-2RP	0.32
	8	1/4	12	18	37	10.0	19	17	GER-8L-4RP	0.43
	8	3/8	12	22	38	11.5	22	17	GER-8L-6RP	0.60
	8	1/2	14	26	41	12.0	27	17	GER-8L-8RP	0.90
	10	1/8	8	14	33	10.5	17	19	GER-10L-2RP	0.41
	10	1/4	12	18	38	11.0	19	19	GER-10L-4RP	0.51
	10	3/8	12	22	39	12.5	22	19	GER-10L-6RP	0.64
	10	1/2	14	26	42	13.0	27	19	GER-10L-8RP	0.92
	12	1/8	8	14	34	11.5	19	22	GER-12L-2RP	0.54
	12	1/4	12	18	39	12.0	19	22	GER-12L-4RP	0.59
	12	3/8	12	22	39	12.5	22	22	GER-12L-6RP	0.70
	12	1/2	14	26	42	13.0	27	22	GER-12L-8RP	0.94
	12	3/4	16	32	45	14.0	32	22	GER-12L-12RP	1.47
	15	3/8	12	22	41	13.5	24	27	GER-15L-6RP	1.00
	15	1/2	14	26	43	14.0	27	27	GER-15L-8RP	1.16
	15	3/4	16	32	46	15.0	32	27	GER-15L-12RP	1.62
	18	3/8	12	22	41.5	14.0	27	32	GER-18L-6RP	1.33
	18	1/2	14	26	45	14.5	27	32	GER-18L-8RP	1.36
	18	3/4	16	32	46	14.5	32	32	GER-18L-12RP	1.76
PN 160	22	1/2	14	26	47	16.5	32	36	GER-22L-8RP	1.77
	22	3/4	16	32	49	16.5	32	36	GER-22L-12RP	1.89
	22	1	18	39	51.5	17.5	41	36	GER-22L-16RP	2.70
	28	1/2	14	26	48	17.5	41	41	GER-28L-8RP	2.41
	28	3/4	16	32	50	17.5	41	41	GER-28L-12RP	2.56
	28	1	18	39	52.0	17.5	41	41	GER-28L-16RP	2.68
	28	1-1/4	20	50	55	18.3	50	41	GER-28L-20RP	4.14
	35	1/2	14	26	53	17.5	46	50	GER-35L-8RP	3.48
	35	3/4	16	32	55	17.5	46	50	GER-35L-12RP	3.56
	35	1	18	39	57	17.5	46	50	GER-35L-16RP	3.88
	35	1-1/4	20	49	59	17.5	50	50	GER-35L-20RP	4.30
	35	1-1/2	22	55	63	19.5	55	50	GER-35L-24RP	5.09
	42	1	18	39	60	19.0	55	60	GER-42L-16RP	5.65
	42	1-1/4	20	49	62	19.0	55	60	GER-42L-20RP	5.74
	42	1-1/2	22	55	64	19.0	55	60	GER-42L-24RP	5.87

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GER

MALE STUD THREAD : BSP (parallel with cutting face to DIN 3852 from B)

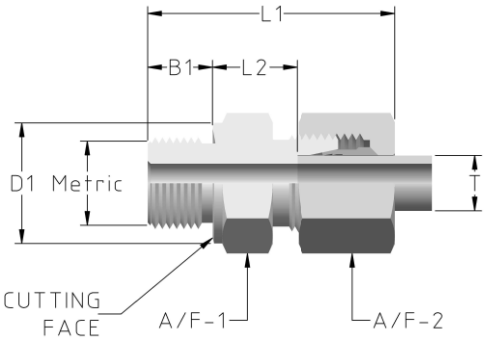


SERIES	TUBE O.D. (mm)	MALE STUD THREAD	Dimensions are in millimeters						DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	BSP	B1	D1	L1	L2	A/F1	A/F2		
S-Heavy PN 630	6	1/8	8	14	35	12.5	14	17	GER-6S-2RP	0.40
	6	1/4	12	18	40	13.0	19	17	GER-6S-4RP	0.53
	6	3/8	12	22	42	15.5	22	17	GER-6S-6RP	0.75
	6	1/2	14	26	47	18.0	27	17	GER-6S-8RP	1.01
	8	1/4	12	18	42	15.0	19	19	GER-8S-4RP	0.62
	8	3/8	12	22	42	15.5	22	19	GER-8S-6RP	0.80
	8	1/2	14	26	47	18.0	27	19	GER-8S-8RP	1.21
	10	1/4	12	18	43	14.5	19	22	GER-10S-4RP	0.75
	10	3/8	12	22	43	15.0	22	22	GER-10S-6RP	0.88
	10	1/2	14	26	48	17.5	27	22	GER-10S-8RP	1.29
	12	1/4	12	18	45	16.5	22	24	GER-12S-4RP	0.93
	12	3/8	12	22	45	17.0	22	24	GER-12S-6RP	0.98
	12	1/2	14	26	48	17.5	27	24	GER-12S-8RP	0.93
	14	3/8	12	22	48	18.5	24	27	GER-14S-6RP	1.28
	14	1/2	14	26	51	19.0	27	27	GER-14S-8RP	1.50
PN 400	16	3/8	12	22	48	18.0	27	30	GER-16S-6RP	1.55
	16	1/2	14	26	51	18.5	27	30	GER-16S-8RP	1.64
	16	3/4	16	32	55	20.5	32	30	GER-16S-12RP	2.29
	20	1/2	14	26	56	20.5	32	36	GER-20S-8RP	2.53
	20	3/4	16	32	58	20.5	32	36	GER-20S-12RP	2.62
	20	1	18	39	62	22.5	41	36	GER-20S-16RP	3.84
	20	1-1/4	20	49	64	22.5	50	36	GER-20-20RP	4.98
	25	3/4	16	32	63	23.0	41	46	GER-25S-12RP	4.64
	25	1	18	39	65	23.0	41	46	GER-25S-16RP	4.86
	25	1-1/4	20	49	67	23.0	50	46	GER-25S-20RP	6.41
PN 250	30	1	18	39	68	23.5	46	50	GER-30S-16RP	5.78
	30	1-1/4	20	49	70	23.5	50	50	GER-30S-20RP	6.63
	38	1-1/4	20	49	79	26.0	55	60	GER-38S-20RP	9.20
	38	1-1/2	22	55	79	26.0	55	60	GER-38S-24RP	9.02

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GEM

MALE STUD THREAD : Metric (parallel with cutting face to DIN 3852 from B)

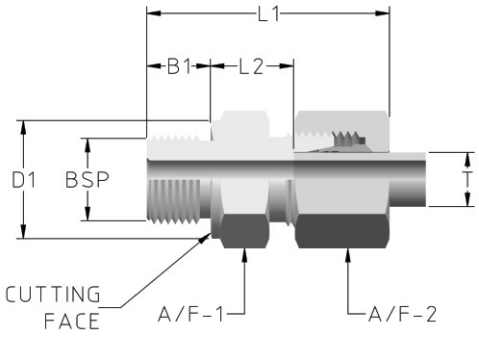


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Dimensions are in millimeters B1	D1	L1	L2	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
L-Light PN316	6	M 10x1	8	14	31	8.5	14	14	GEM-6L-10MP	0.24
	8	M 12x1.5	12	17	37	10	17	17	GEM-8L-12MP	0.38
	10	M 14x1.5	12	19	38	11	19	19	GEM-10L-14MP	0.51
	12	M 18x1.5	12	21	39	12.5	22	22	GEM-12L-16MP	0.68
	15	M 18x1.5	12	23	41	13.5	24	27	GEM-15L-18MP	0.95
	18	M 22x1.5	14	27	45	14.5	27	32	GEM-18L-22MP	1.40
PN 160	22	M 26x1.5	16	31	49	16.5	32	36	GEM-22L-26MP	1.88
	28	M 33x2	18	39	52	17.5	41	41	GEM-28L-33MP	2.68
	35	M 42x2	20	49	59	17.5	50	50	GEM-35L-42MP	4.34
	42	M 48x2	22	55	64	19	55	60	GEM-42L-48MP	5.92
S-Heavy PN 630	6	M 12x1.5	12	17	40	13	17	17	GEM-6S-12MP	0.48
	8	M 14x1.5	12	19	42	15	19	19	GEM-8S-14MP	0.64
	10	M 16x1.5	12	21	43	15	22	22	GEM-10S-16MP	0.86
	12	M 18x1.5	12	23	45	17	24	24	GEM-12S-18MP	1.09
	14	M 20x1.5	14	25	51	19	27	27	GEM-14S-20MP	1.49
PN 400	16	M 22x1.5	14	27	51	18.5	27	30	GEM-16S-22MP	1.66
	20	M 27x2	16	32	48	20.5	32	36	GEM-20S-27MP	2.62
	25	M 33x2	18	39	65	23	41	46	GEM-25S-33MP	4.88
PN 250	30	M 42x2	20	49	70	23.5	50	50	GEM-30S-42MP	6.62
	38	M 48x2	22	55	79	26	55	60	GEM-38S-48MP	9.09

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GE.ED

MALE STUD THREAD : BSP (parallel with ED Sealing)



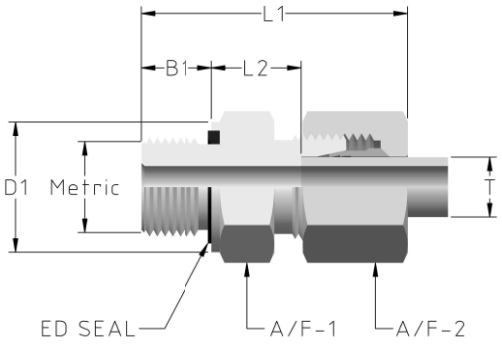
- ED Seal : Buna-N is Standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
  Example : GE-6L-2GED/ELV

SERIES	TUBE O.D. (mm)	MALE STUD THREAD BSP	Dimensions are in millimeters						DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	D1	L1	L2	A/F1	A/F2		
L-Light PN 315	6	1/8	8	14	31	8.5	14	14	GE-6L-2GED	0.24
	6	1/4	12	19	37	10	19	14	GE-6L-4GED	0.39
	8	1/8	8	14	31	8.5	14	17	GE-8L-2GED	0.29
	8	1/4	12	19	37	10	19	17	GE-8L-4GED	0.43
	8	3/8	12	22	38	11.5	22	17	GE-8L-6GED	0.29
	10	1/4	12	19	38	11	19	19	GE-10L-4GED	0.47
	10	3/8	12	22	39	12.5	22	19	GE-10L-6GED	0.62
	10	1/2	14	27	42	13	27	19	GE-10L-8GED	0.92
	12	1/4	12	19	39	12	19	22	GE-12L-4GED	0.58
	12	3/8	12	22	39	12.5	22	22	GE-12L-6GED	0.68
	12	1/2	14	27	42	13	27	22	GE-12L-8GED	0.95
	15	3/8	12	22	41	13.5	24	27	GE-15L-6GED	0.97
	15	1/2	14	27	43	14	27	27	GE-15L-8GED	1.16
	18	1/2	14	27	45	14.5	27	32	GE-18L-8GED	1.35
	18	3/4	16	32	47	14.5	32	32	GE-18L-12GED	1.74
PN 160	22	3/4	16	32	49	16.5	32	36	GE-22L-12GED	1.88
	28	1	18	40	52	17.5	41	41	GE-28L-16GED	2.70
	35	1-1/4	20	50	59	17.5	50	50	GE-35L-20GED	4.26
	42	1-1/2	22	55	64	19	55	60	GE-42L-24GED	5.82
S-Heavy PN 630	6	1/4	12	19	40	13	19	17	GE-6S-4GED	0.53
	8	1/4	12	19	42	15	19	19	GE-8S-4GED	0.62
	8	3/8	12	22	42	15.5	22	19	GE-8S-6GED	0.78
	10	1/4	12	19	43	14.5	19	22	GE-10S-4GED	0.73
	10	3/8	12	22	43	15	22	22	GE-10S-6GED	0.87
	10	1/2	14	27	48	17.5	27	22	GE-10S-8GED	1.29
	12	1/4	12	19	45	16.5	22	24	GE-12S-4GED	0.93
	12	3/8	12	22	45	17	22	24	GE-12S-6GED	0.99
	12	1/2	14	32	48	17.5	27	24	GE-12S-8GED	1.36
	14	1/2	14	27	51	19	27	27	GE-14S-8GED	1.50
PN 400	16	3/8	12	22	48	18	27	30	GE-16S-6GED	1.52
	16	1/2	14	27	51	18.5	27	30	GE-16S-8GED	1.61
	16	3/4	16	32	55	20.5	32	30	GE-16S-12GED	2.22
	20	3/4	16	32	58	20.5	32	36	GE-20S-12GED	2.59
	25	1/2	14	27	61	23	41	46	GE-25S-8GED	2.52
	25	1	18	40	65	23	41	46	GE-25S-16GED	4.85
	30	1-1/4	20	50	70	23.5	50	50	GE-30S-20GED	6.59
PN 315	38	1-1/2	22	55	79	26	55	60	GE-38S-24GED	9.04

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GE.M.ED

MALE STUD THREAD : Metric (parallel with ED Sealing)

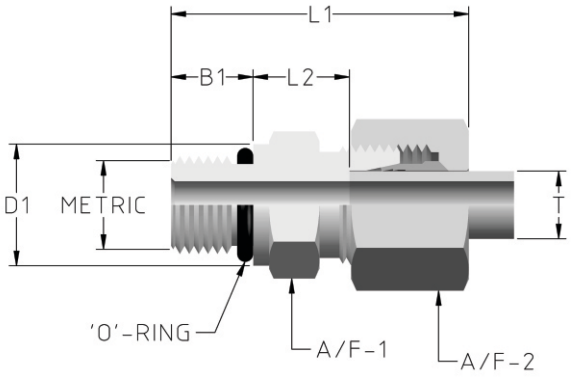


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Dimensions are in millimeters B1	D1	L1	L2	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 10x1	8	14	31	8.5	14	14	GE-6L-10MED	0.24
	8	M 12x1.5	12	17	37	10	17	17	GE-8L-12MED	0.38
	10	M 14x1.5	12	19	38	11	19	19	GE-10L-14MED	0.48
	12	M 16x1.5	12	22	39	12.5	22	22	GE-12L-16MED	0.67
	12	M 18x1.5	12	24	39	12.5	24	22	GE-12L-18MED	0.74
	12	M 22x1.5	14	27	43	14	27	22	GE-12L-22MED	1.09
	15	M 18x1.5	12	24	41	13.5	24	27	GE-15L-18MED	0.95
	15	M 22x1.5	14	27	44	15	27	27	GE-15L-22MED	1.20
	18	M 22x1.5	14	27	45	14.5	27	32	GE-18L-22MED	1.38
PN 160	22	M 26x1.5	16	32	49	16.5	32	36	GE-22L-26MED	1.88
	28	M 33x2	18	40	52	17.5	41	41	GE-28L-33MED	2.69
	35	M 42x2	20	50	59	17.5	50	50	GE-35L-42MED	4.35
	42	M 48x2	22	55	64	19	55	60	GE-42L-48MED	5.94
S-Heavy PN 630	6	M 12x1.5	12	17	40	13	17	17	GE-6S-12MED	0.47
	8	M 14x1.5	12	19	42	15	19	19	GE-8S-14MED	0.63
	10	M 16x1.5	12	22	43	15	22	22	GE-10S-16MED	0.86
	12	M 18x1.5	12	24	45	17	24	24	GE-12S-18MED	1.07
	14	M 20x1.5	14	26	51	19	27	27	GE-14S-20MED	1.48
PN 400	16	M 22x1.5	14	27	51	18.5	27	30	GE-16S-22MED	1.65
	20	M 27x2	16	32	58	20.5	32	36	GE-20S-27MED	2.60
	25	M 33x2	18	40	65	23	41	46	GE-25S-33MED	4.83
	30	M 42x3	20	50	70	23.5	50	50	GE-30S-42MED	6.64
PN 315	38	M 48x2	22	55	79	26	55	60	GE-38S-48MED	9.10

- ED Seal : Buna-N is Standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : GE-6L-10MED/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GEO

MALE STUD THREAD : Metric with O-Ring sealing
PORT TAPPING : According to ISO 6149 or DIN 3852 part 3

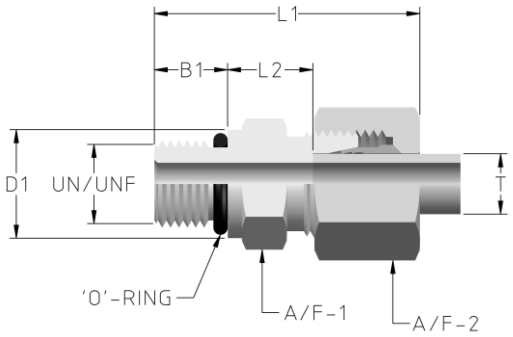


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Dimensions are in millimeters B1	D1	L1	L2	A/F1	A/F2	O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 10 x 1	10	12.9	33	8.5	14	14	8.2 x 1.5	GEO-6L-10M	0.24
	8	M 12 x 1.5	11.5	16.9	36.5	10	17	17	9.4 x 2.1	GEO-8L-12M	0.38
	10	M 14 x 1.5	11.5	18.9	37.5	11	19	19	11.4 x 2.1	GEO-10L-14M	0.51
	12	M 16 x 1.5	13	20.9	40	12	22	22	13.4 x 2.1	GEO-12L-16M	0.68
	15	M 18 x 1.5	14.5	22.9	43.5	13.5	24	27	15.4 x 2.1	GEO-15L-18M	0.95
	18	M 22 x 1.5	15.5	26.9	45.5	14	27	32	19.4 x 2.1	GEO-18L-22M	1.40
PN 160	22	M 26 x 1.5	16	30.9	48	16	32	36	22.7 x 2.8	GEO-22L-26M	1.88
	28	M 33 x 2	19	37.9	53	17.5	41	41	29.7 x 2.8	GEO-28L-33M	2.68
	35	M 42 x 2	19.5	47.9	58.5	17.5	50	50	38.7 x 2.8	GEO-35L-42M	4.34
S-Heavy PN 630	6	M 12 x 1.5	11.5	16.9	38.5	12	17	17	9.4 x 2.1	GEO-6S-12M	0.48
	8	M 14 x 1.5	11.5	18.9	38.5	12	19	19	11.4 x 2.1	GEO-8S-14M	0.64
	10	M 16 x 1.5	13	20.9	42	12.5	22	22	13.4 x 2.1	GEO-10S-16M	0.86
	12	M 18 x 1.5	14.5	22.9	43.5	13	24	24	15.4 x 2.1	GEO-12S-18M	1.09
PN 400	16	M 22 x 1.5	15.5	26.9	48.5	15	27	30	19.4 x 2.1	GEO-16S-22M	1.66
	20	M 27 x 2	19	31.9	56	15	32	36	23.7 x 2.8	GEO-20S-27M	2.62
	25	M 33 x 2	19	37.9	60	17	41	46	29.7 x 2.8	GEO-25S-33M	4.88
	30	M 42 x 2	19.5	47.9	64.5	18.5	50	50	38.7 x 2.8	GEO-30S-42M	6.62

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : GEO-6L-10M/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GEO.UN

MALE STUD THREAD : UN/UNF with O-Ring sealing

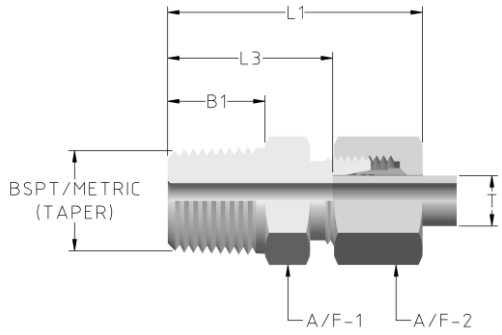


SERIES	TUBE O.D. (mm)	MALE STUD THREAD UN/UNF	Dimensions are in millimeters						O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	D1	L1	L2	A/F1	A/F2			
L-Light PN 315	8	7/16-20	9	14.4	34	10	17	17	8.92 x 1.83	GEO-8L-7UN	0.36
	10	7/16-20	10	14.4	36	11	17	19	8.92 x 1.83	GEO-10L-7UN	0.42
	12	9/16-18	10	17.6	36	11	19	22	11.9 x 1.98	GEO-12L-9UN	0.56
	12	3/4-16	11	22.3	39	13	24	22	16.36 x 2.20	GEO-12L-12UN	0.76
	12	7/8-14	12.7	25.5	41.7	14.3	27	22	19.18 x 2.46	GEO-12L-14UN	1.01
	15	3/4-16	11	22.3	40	14	24	27	16.36 x 2.20	GEO-15L-12UN	0.97
	18	3/4-16	11	22.3	42	14.5	27	32	16.36 x 2.20	GEO-18L-12UN	1.31
	18	7/8-14	12.7	25.5	43.7	14.8	27	32	19.18 x 2.46	GEO-18L-14UN	1.37
PN 160	22	7/8-14	12.7	25.5	45.7	16.8	32	36	19.18 x 2.46	GEO-22L-14UN	1.80
	22	1-1/16-12	15	31.9	48	16.5	32	36	23.47 x 2.95	GEO-22L-17UN	1.88
	22	1-5/16-12	15	38.2	49	17.5	41	36	29.74 x 2.95	GEO-22L-21UN	2.48
	28	1-1/16-12	15	31.9	49	17.5	41	41	23.47 x 2.95	GEO-28L-17UN	2.52
	28	1-5/16-12	15	38.2	49	17.5	41	41	29.74 x 2.95	GEO-28L-21UN	2.62
	35	1-5/16-12	15	38.2	54	17.5	46	50	29.74 x 2.95	GEO-35L-21UN	3.76
	35	1-5/8-12	15	47.7	54	17.5	50	50	37.46 x 3	GEO-35L-26UN	4.10
	42	1-5/8-12	15	47.7	57	19	55	60	37.46 x 3	GEO-42L-26UN	5.76
S-Heavy PN 630	8	7/16-20	9	16.0	39	15	17	19	8.92 x 1.83	GEO-8S-7UN	0.54
	10	9/16-18	10	17.6	41	14.5	19	22	11.9 x 1.98	GEO-10S-9UN	0.74
	12	9/16-18	10	17.6	41	14.5	22	24	11.9 x 1.98	GEO-12S-9UN	0.86
	12	3/4-16	11	22.3	45	17.5	24	24	16.36 x 2.20	GEO-12S-12UN	1.09
PN 400	16	3/4-16	11	22.3	45	15.5	24	30	16.36 x 2.20	GEO-16S-12UN	1.35
	16	7/8-14	12.7	25.5	49.7	18.8	27	30	19.18 x 2.46	GEO-16S-14UN	1.64
	20	3/4-16	11	22.3	53	20.5	32	36	16.36 x 2.20	GEO-20S-12UN	2.40
	20	7/8-14	12.7	25.5	54.7	20.8	32	36	19.18 x 2.46	GEO-20S-14UN	2.52
	20	1-1/16-12	15	31.9	57	20.5	32	36	23.47 x 2.95	GEO-20S-17UN	2.60
	25	1-1/16-12	15	31.9	62	23.0	36	46	23.47 x 2.95	GEO-25S-17UN	4.25
	25	1-5/16-12	15	38.2	62	23.0	41	46	29.74 x 2.95	GEO-25S-21UN	4.77
	30	1-5/16-12	15	38.2	65	23.5	46	50	29.74 x 2.95	GEO-30S-21UN	5.63
	30	1-5/8-12	15	47.7	65	23.5	50	50	37.46 x 3	GEO-30S-26UN	6.34
PN 315	38	1-5/8-12	15	47.7	72	26.0	55	60	37.46 x 3	GEO-38S-26UN	8.94

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : GEO-8L-7UN/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GE

MALE STUD THREAD : BSP (Taper) / Metric (Taper)



MALE STUD THREAD : BSP (Taper)

SERIES	TUBE O.D. (mm)	MALE STUD THREAD BSPT	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	L1	L3	A/F1	A/F2		
L Light PN 315	6	1/8	8	30	15.0	12	14	GE-6L-2RT	0.22
	6	1/4	12	35	20.0	17	14	GE-6L-4RT	0.35
	8	1/8	8	31	16.0	17	17	GE-8L-2RT	0.31
	8	1/4	12	35	20.0	17	17	GE-8L-4RT	0.38
	10	1/4	12	36	21.0	17	19	GE-10L-4RT	0.44
	12	1/4	12	37	22.0	19	22	GE-12L-4RT	0.80
	12	3/8	12	37	22.0	19	22	GE-12L-6RT	0.60
	12	1/2	14	39	24.0	24	22	GE-12L-8RT	0.80
	15	3/8	12	38	23.0	24	27	GE-15L-6RT	0.93
	15	1/2	14	40	25.0	24	27	GE-15L-8RT	1.03
PN 160	18	1/2	14	42	25.5	27	32	GE-18L-8RT	1.28
	22	3/4	16	46	29.5	32	36	GE-22L-12RT	1.85
	28	1	18	49	32.5	41	41	GE-28L-16RT	2.54
	35	1-1/4	20	56	34.5	46	50	GE-35L-20RT	3.92
	42	1-1/2	22	61	38.0	55	62	GE-42L-24RT	5.73

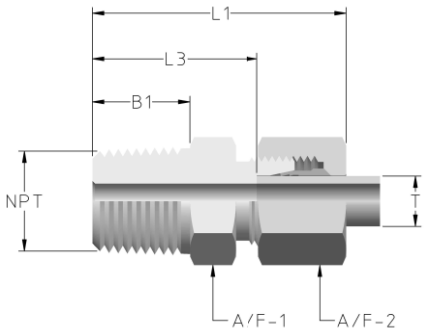
MALE STUD THREAD : Metric (Taper)

SERIES	TUBE O.D. (mm)	MALE STUD THREAD METRIC TAPER	Dimensions are in millimeters						DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
	T		B1	D1	L1	L3	A/F1	A/F2		
L Light PN 315	8	M 18x1.5	12	23	38	11.5	19	17	GE-8L-18MTR	0.67
	10	M 16x1.5	12	21	39	12	17	19	GE-10L-16MTR	0.60
	10	M 18x1.5	12	23	39	12.5	19	19	GE-10L-18MTR	0.70
	10	M 22x1.5	14	27	43	14	24	19	GE-10L-22MTR	0.92
	12	M 14x1.5	12	19	38	11	19	22	GE-12L-14MTR	0.57
	12	M 18x1.5	12	23	39	12.5	19	22	GE-12L-18MTR	0.74
	12	M 22x1.5	14	27	43	14	24	22	GE-12L-22MTR	1.03
	15	M 16x1.5	12	21	40	13	24	27	GE-15L-16MTR	0.94
	15	M 22x1.5	14	27	44	15	24	27	GE-15L-22MTR	1.21
PN 160	18	M 18x1.5	12	23	42	14	27	32	GE-18L-18MTR	1.32
	22	M 22x1.5	14	27	47	16.5	32	36	GE-22L-22MTR	1.78
S-Heavy PN 630	12	M 22x1.5	14	27	48	17.5	24	24	GE-12S-22MTR	1.30
	16	M 18x1.5	12	23	48	18	27	30	GE-16S-18MTR	1.57

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT MALE STUD FITTINGS - GE

MALE STUD THREAD : NPT to ANSI B1.20.1

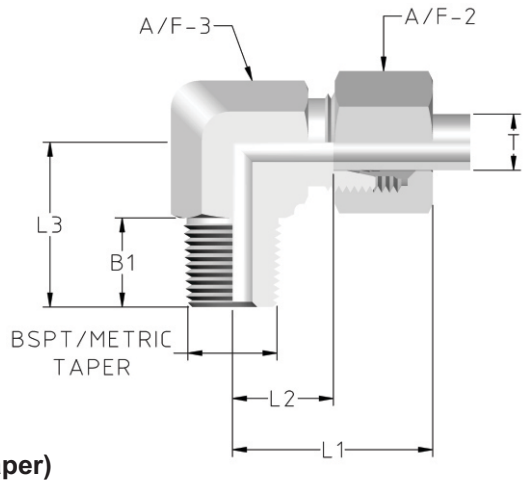


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD NPT	Dimensions are in millimeters B1	L1	L3	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN315	6	1/8	9.7	32	17	12	14	GE-6L-2N	0.23
	6	1/4	14.3	38	23	17	14	GE-6L-4N	0.38
	8	1/4	14.3	38	23	17	17	GE-8L-4N	0.41
	10	1/4	14.3	39	24	17	19	GE-10L-4N	0.45
	10	3/8	14.3	40	25	19	19	GE-10L-6N	0.60
	12	1/4	14.3	40	25	19	22	GE-12L-4N	0.58
	12	3/8	14.3	40	25	19	22	GE-12L-6N	0.64
	12	1/2	19.0	45	30	22	22	GE-12L-8N	0.89
	15	1/2	19.0	46	31	24	27	GE-15L-8N	1.07
	18	1/2	19.0	48	31.5	27	32	GE-18L-8N	1.42
PN 160	22	3/4	19.0	50	33.5	32	36	GE-22L-12N	1.94
	28	1	24.0	56	39.5	41	41	GE-28L-16N	2.99
	35	1-1/4	25.0	62	40.5	46	50	GE-35L-20N	4.89
	42	1-1/2	26.0	65	42	55	60	GE-42L-24N	5.82
S-Heavy PN 630	6	1/4	14.3	43	28	17	17	GE-6S-4N	0.55
	8	1/4	14.3	43	28	17	19	GE-8S-4N	0.59
	10	1/4	14.3	44	27.5	19	22	GE-10S-4N	0.76
	10	3/8	14.3	44	27.5	19	22	GE-10S-6N	0.81
	12	1/4	14.3	46	29.5	22	24	GE-12S-4N	0.94
	12	3/8	14.3	46	29.5	22	24	GE-12S-6N	0.98
	12	1/2	19.0	51	34.5	22	24	GE-12S-8N	1.19
	14	1/2	19.0	54	36	24	27	GE-14S-8N	1.43
PN 400	16	1/2	19.0	54	35.5	27	30	GE-16S-8N	1.67
	20	3/4	19.0	59	37.5	32	36	GE-20S-12N	2.59
	25	1	24.0	69	45	41	46	GE-25S-16N	4.97
	30	1-1/4	25.0	73	46.5	46	50	GE-30S-20N	6.37
PN 315	38	1-1/2	26.0	80	49	55	60	GE-38S-24N	9.12

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

MALE STUD ELBOW FITTINGS - WE

MALE STUD THREAD : BSP (Taper) / Metric (Taper)



MALE STUD THREAD : BSP (Taper)

SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSPT	Dimensions are in millimeters B1	L1	L2	L3	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	1/8	8	27	12	20	14	12	WE-6L-2RT	0.40
	8	1/4	12	29	14	26	17	12	WE-8L-4RT	0.62
	10	1/4	12	30	15	27	19	14	WE-10L-4RT	0.81
	12	3/8	12	32	17	28	22	17	WE-12L-6RT	1.13
	15	1/2	14	36	21	34	27	19	WE-15L-8RT	1.38
	18	1/2	17	40	23.5	36	32	24	WE-18L-8RT	1.70
S-Heavy PN 400	6	1/4	14	31	16	26	17	14	WE-6S-4RT	0.73
	8	1/4	12	32	17	27	19	14	WE-8S-4RT	0.94
	10	3/8	12	34	17.5	28	22	17	WE-10S-6RT	1.31
	12	3/8	12	38	21.5	28	24	19	WE-12S-6RT	1.62
	14	1/2	14	40	22	32	27	19	WE-14S-8RT	1.55
	16	1/2	17	43	24.5	32	30	24	WE-16S-8RT	1.98

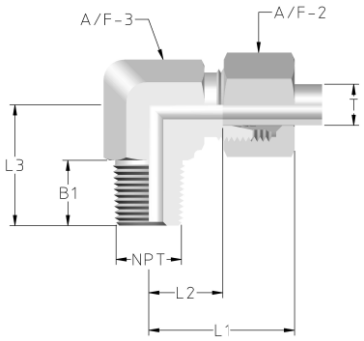
MALE STUD THREAD : Metric (Taper)

SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC TAPER	Dimensions are in millimeters B1	L1	L2	L3	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 10x1	8	27	12	20	14	12	WE-6L-10MTR	0.40
	8	M 12x1.5	12	29	14	26	17	12	WE-8L-12MTR	0.62
	10	M 14x1.5	12	30	15	27	19	14	WE-10L-14MTR	0.82
	12	M 16x1.5	12	32	17	28	22	17	WE-12L-16MTR	1.17
	15	M 18x1.5	14	36	21	34	27	19	WE-15L-18MTR	1.22
	18	M 22x1.5	17	40	23.5	36	32	24	WE-18L-22MTR	1.80
S-Heavy PN 400	6	M 12x1.5	14	31	16	26	17	12	WE-6S-12MTR	0.83
	8	M 14x1.5	12	32	17	27	19	14	WE-8S-14MTR	0.99
	10	M 16x1.5	12	34	17.5	28	22	17	WE-10S-16MTR	1.34
	12	M 18x1.5	12	38	21.5	28	24	19	WE-12S-18MTR	1.70
	14	M 20x1.5	14	40	22	32	27	19	WE-14S-20MTR	1.49
	16	M 22x1.5	17	43	24.5	32	30	24	WE-16S-22MTR	2.02

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

MALE STUD ELBOW FITTINGS - WE

MALE STUD THREAD : NPT to ANSI B1.20.1

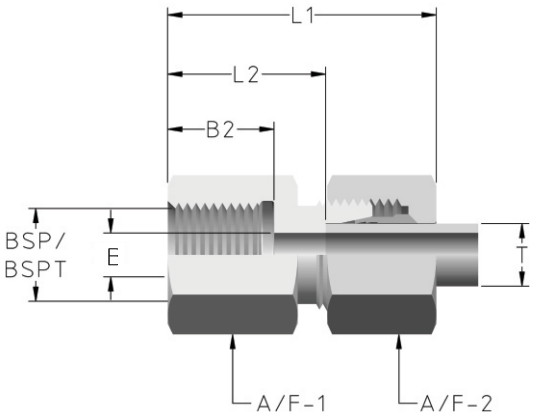


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD NPT	Dimensions are in millimeters B1	L1	L2	L3	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	1/8	9.7	27	12	20	14	12	WE-6L-2N	0.40
	8	1/4	14.3	29	14	26	17	12	WE-8L-4N	0.63
	10	1/4	14.3	30	15	27	19	14	WE-10L-4N	0.81
	12	3/8	14.3	32	17	28	22	17	WE-12L-6N	1.15
	15	1/2	19.0	36	21	34	27	19	WE-15L-8N	1.33
	18	1/2	19.0	40	23.5	36	32	24	WE-18L-8N	1.79
PN160	22	3/4	19.0	44	27.5	42	36	27	WE-22L-12N	2.61
	28	1	24.0	47	30.5	48	41	36	WE-28L-16N	4.09
	35	1-1/4	25.0	56	34.5	54	50	41	WE-35L-20N	6.19
	42	1-1/2	26.0	63	40	61	60	50	WE-42L-24N	9.18
S-Heavy PN 630	6	1/4	14.3	31	16	26	17	12	WE-6S-4N	0.73
	8	1/4	14.3	32	17	27	19	14	WE-8S-4N	0.95
	10	3/8	14.3	34	17.5	28	22	17	WE-10S-6N	1.30
	12	3/8	14.3	38	21.5	28/	24	17	WE-12S-6N	1.59
	14	1/2	19.0	40	2	34	27	19	WE-14S-8N	1.57
PN 400	16	1/2	19.0	43	24.5	36	30	24	WE-16S-8N	2.07
	20	3/4	19.0	48	26.5	42	36	27	WE-20S-12N	3.19
	25	1	24.0	54	30	48	46	36	WE-25S-16N	6.04
	30	1-1/4	25.0	62	35.5	54	50	41	WE-30S-20N	8.38
PN 315	38	1-1/2	26.0	72	41	61	60	50	WE-38S-24N	12.3

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT FEMALE STUD FITTINGS - GAI

FEMALE THREAD : BSP (Parallel/Taper)

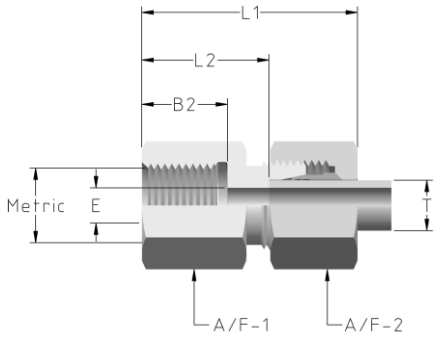


SERIES	TUBE O.D. (mm)	FEMALE THREAD BSP/BPT	Dimensions are in millimeters						SEALEXCEL PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B2	E	L1	L2	A/F1	A/F2		
L-Light PN315	6	1/8 BSP	12	4	34	19	14	14	GAI-6L-2RG	0.29
	8	1/4 BSP	17	6	39	24	19	17	GAI-8L-4RG	0.55
	8	3/8 BSPT	17	6	40	25	24	17	GAI-8L-6RT	0.77
	8	1/2 BSPT	20	6	44	29	27	17	GAI-8L-8RT	0.96
	10	1/4 BSP	17	8	40	25	19	19	GAI-10L-4RG	0.60
	10	3/8 BSPT	17	8	41	26	24	19	GAI-10L-6RT	0.83
	10	1/2 BSPT	20	8	45	30	27	19	GAI-10L-8RT	1.00
	12	3/8 BSP	17	10	41	26	24	22	GAI-12L-6RG	0.91
	12	1/2 BSP	20	10	45	30	27	22	GAI-12L-8RG	1.06
	15	1/2 BSP	20	12	46	31	27	27	GAI-15L-8RG	1.31
	18	1/2 BSP	20	15	47	30.5	27	32	GAI-18L-8RG	1.52
PN 160	22	3/4 BSP	22	19	52	35.5	36	36	GAI-22L-12RG	2.59
	28	1 BSP	24.5	24	55	38	41	41	GAI-28L-16RG	3.11
	35	1-1/4 BSP	26.5	30	63	41	55	50	GAI-35L-20RG	6.11
	42	1-1/2 BSP	28.5	36	65	42.5	60	60	GAI-42L-24RG	7.53
S-Heavy PN 630	6	1/4 BSP	17	4	41	26	19	17	GAI-6S-4RG	0.60
	8	1/4 BSP	17	5	41	26	19	19	GAI-8S-4RG	0.66
	10	3/8 BSP	17	7	43	26.5	24	22	GAI-10S-6RG	1.00
	12	3/8 BSP	17	8	43	26.5	24	24	GAI-12S-6RG	1.08
	14	1/2 BSP	20	10	50	32	30	27	GAI-14S-8RG	1.79
PN 400	16	1/2 BSP	20	12	50	31.5	30	30	GAI-16S-8RG	1.96
	20	3/4 BSP	22	16	56	34.5	36	36	GAI-20S-12RG	2.97
	25	1 BSP	24.5	20	62	37.5	41	46	GAI-25S-16RG	4.65
	30	1-1/4 BSP	26.5	25	69	42	55	50	GAI-30S-20RG	7.43
PN 315	38	1-1/2 BSP	28.5	32	74	43.5	60	60	GAI-38S-24RG	9.54

- RG : BSP Parallel thread, RT : BSP Taper Thread
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT FEMALE STUD FITTINGS - GAI

FEMALE THREAD : Metric (Parallel)

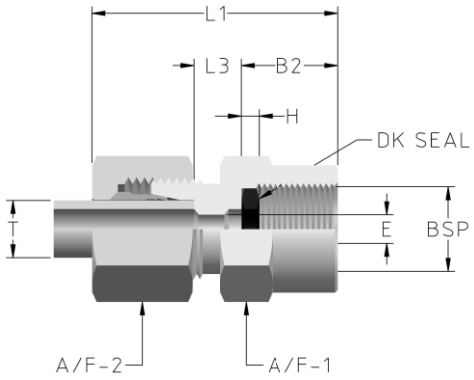


SERIES	TUBE O.D. (mm)	FEMALE THREAD METRIC	Dimensions are in millimeters						DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B2	E	L1	L2	A/F1	A/F2		
L-Light PN315	6	M 10x1	12.5	4	34	19.5	14	14	GAI-6L-10M	0.29
	8	M 12x1.5	17	6	39	24	17	17	GAI-8L-12M	0.47
	10	M 14x1.5	17	8	40	25	19	19	GAI-10L-14M	0.59
	12	M 16x1.5	17	10	41	26	22	22	GAI-12L-16M	0.79
	15	M 18x1.5	17	12	43	28	24	27	GAI-15L-18M	1.12
	18	M 22x1.5	19	15	46	29.5	30	32	GAI-18L-22M	1.74
PN160	22	M 26x1.5	21	19	51	34.5	32	36	GAI-22L-26M	2.09
	28	M 33x2	24	24	54	37.5	41	41	GAI-28L-33M	3.12
	35	M 42x2	26	30	62	40.5	55	50	GAI-35L-42M	5.79
	42	M 48x2	28	36	65	42	60	60	GAI-42L-48M	7.60
S-Heavy PN 630	6	M 12x1.5	17	4	41	26	17	17	GAI-6S-12M	0.53
	8	M 14x1.5	17	5	41	26	19	19	GAI-8S-14M	0.64
	10	M 16x1.5	17	7	43	26.5	22	22	GAI-10S-16M	0.90
	12	M 18x1.5	17	8	44	27.5	24	24	GAI-12S-18M	1.06
	14	M 20x1.5	19	10	49	31	27	27	GAI-14S-20M	1.49
PN 400	16	M 22x1.5	19	12	49	30.5	30	30	GAI-16S-22M	1.83
	20	M 27x2	22	16	56	34.5	36	36	GAI-20S-27M	2.99
	25	M 33x2	24	20	61	37	41	46	GAI-25S-33M	4.55
	30	M 42x2	26	25	68	41.5	55	50	GAI-30S-42M	7.30
PN 315	38	M 48x2	28	32	74	43	60	60	GAI-38S-48M	9.38

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

PRESSURE GAUGE FITTINGS - MAV

FEMALE THREAD : BSP (parallel with DK Seal Ring)

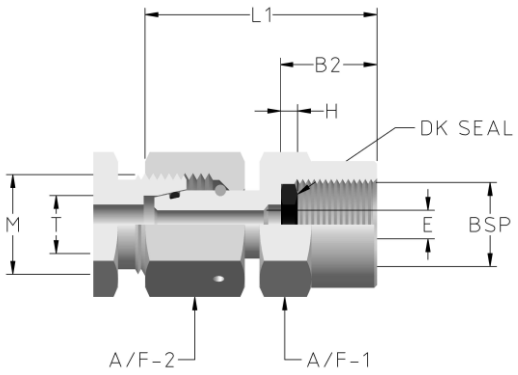


SERIES	TUBE O.D. (mm)	FEMALE THREAD BSP	Dimensions are in millimeters							DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B2	E	H	L1	L3	A/F1	A/F2		
L-Light PN315	6	1/4	14.5	2.5	4.5	37	7.5	19	14	MAV-6L-4RG	0.48
	8	1/4	14.5	5.5	4.5	37	7.5	19	17	MAV-8L-4RG	0.54
	10	1/4	14.5	5.5	4.5	38	8.5	19	19	MAV-10L-4RG	0.60
	12	1/4	14.5	5.5	4.5	38	8.5	19	22	MAV-12L-4RG	0.69
S-Heavy PN 630	6	1/2	20	3.5	5	46	11	27	14	MAV-6S-8RG	1.04
	8	1/2	20	3.5	5	46	11	27	17	MAV-8S-8RG	1.11
	10	1/2	20	7.0	5	47	10.5	27	19	MAV-10S-8RG	1.20
	12	1/2	20	7.0	5	47	10.5	27	22	MAV-12S-8RG	1.28

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

PRESSURE GAUGE FITTINGS WITH SWIVEL NUT- MAVE

FEMALE THREAD : BSP (parallel with DK Seal Ring)

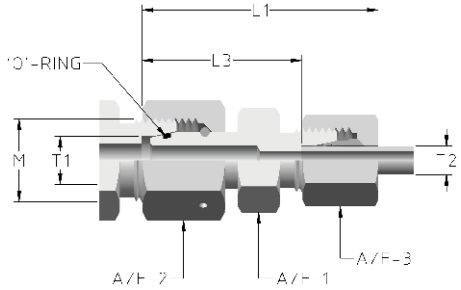


SERIES	TUBE O.D. (mm) T	FEMALE THREAD BSP	M	Dimensions are in millimeters B2	E	H	L1	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN315	6	1/4	M 12 x 1.5	14.5	2.5	4.5	35.5	19	14	MAVE-6L-4RG	0.11
	8	1/4	M 14 x 1.5	14.5	4	4.5	35.5	19	17	MAVE-8L-4RG	0.16
	10	1/4	M 16 x 1.5	14.5	5.5	4.5	36	19	19	MAVE-10L-4RG	0.19
	12	1/4	M 18 x 1.5	14.5	5.5	4.5	36	19	22	MAVE-12L-4RG	0.25
S-Heavy PN 630	6	1/4	M 14 x 1.5	14.5	2.5	4.5	35.5	19	17	MAVE-6S-4RG	0.16
	8	1/4	M 16 x 1.5	14.5	4	4.5	35.5	19	19	MAVE-8S-4RG	0.19
	10	1/4	M 18 x 1.5	14.5	6	4.5	36	19	22	MAVE-10S-4RG	0.25
	12	1/4	M 20 x 1.5	14.5	7	4.5	39	19	24	MAVE-12S-4RG	0.34
	6	1/2	M 14 x 1.5	20	2.5	5	42.5	27	17	MAVE-6S-8RG	0.19
	8	1/2	M 16 x 1.5	20	4	5	43	27	19	MAVE-8S-8RG	0.21
	10	1/2	M 18 x 1.5	20	6	5	43.5	27	22	MAVE-10S-8RG	0.28
	12	1/2	M 20 x 1.5	20	7	5	45	27	24	MAVE-12S-8RG	0.37

- O-RIng : Buna-N is Standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwiththe part number of the fittings
- Example : MAVE-6L-4RG/SSLV
- Dimension L1 is approximate length with tightened nut.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING TUBE ADAPTOR WITH SWIVEL NUT-RED

SERIES : L-Light



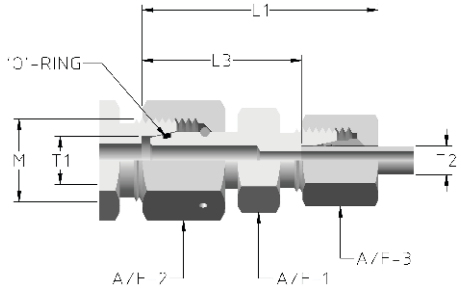
- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
  Example : RED-8L-6L/ELV

SERIES L-LIGHT	TUBE O.D. (mm)		M	Dimensions are in millimeters					O-RINGS	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2		L1	L3	A/F1	A/F2	A/F3			
PN 315	8	6	M14x1.5	38	23.5	12	17	14	6 x 1.5	RED-8L-6L	0.39
PN 315	10	6	M16x1.5	40	25	14	19	14	7.5 x 1.5	RED-10L-6L	0.49
	10	8	M16x1.5	40	25	14	19	17	7.5 x 1.5	RED-10L-8L	0.53
PN 315	12	6	M18x1.5	40	25	17	22	14	9 x 1.5	RED-12L-6L	0.63
	12	8	M18x1.5	40	25	17	22	17	9 x 1.5	RED-12L-8L	0.68
	12	10	M18x1.5	41	26	17	22	19	9 x 1.5	RED-12L-10L	0.70
PN 315	15	6	M22x1.5	43	28.5	19	27	14	12 x 2	RED-15L-6L	0.55
	15	8	M22x1.5	43	28.5	19	27	17	12 x 2	RED-15L-8L	0.98
	15	10	M22x1.5	44	29.5	19	27	19	12 x 2	RED-15L-10L	1.07
	15	12	M22x1.5	44	29.5	19	27	22	12 x 2	RED-15L-12L	1.10
PN 315	18	6	M26x1.5	43	28	24	32	14	15 x 2	RED-18L-6L	1.19
	18	8	M26x1.5	43	28	24	32	17	15 x 2	RED-18L-8L	1.24
	18	10	M26x1.5	44	29	24	32	19	15 x 2	RED-18L-10L	1.28
	18	12	M26x1.5	44	29	24	32	22	15 x 2	RED-18L-12L	1.72
	18	15	M26x1.5	45	30	24	32	27	15 x 2	RED-18L-15L	1.90
PN 160	22	6	M30x2	47	32	27	36	14	20 x 2	RED-22L-6L	1.69
	22	8	M30x2	47	32	27	36	17	20 x 2	RED-22L-8L	1.76
	22	10	M30x2	48	33	27	36	19	20 x 2	RED-22L-10L	1.78
	22	12	M30x2	48	33	27	36	22	20 x 2	RED-22L-12L	1.86
	22	15	M30x2	49	34	27	36	27	20 x 2	RED-22L-15L	2.08
	22	18	M30x2	50	33.5	27	36	32	20 x 2	RED-22L-18L	2.44
PN 160	28	6	M36x2	49	34	32	41	14	26 x 2	RED-28L-6L	2.93
	28	8	M36x2	49	34	32	41	17	26 x 2	RED-28L-8L	2.93
	28	10	M36x2	50	35	32	41	19	26 x 2	RED-28L-10L	2.99
	28	12	M36x2	50	35	32	41	22	26 x 2	RED-28L-12L	3.08
	28	15	M36x2	51	36	32	41	27	26 x 2	RED-28L-15L	3.30
	28	18	M36x2	52	35.5	32	41	32	26 x 2	RED-28L-18L	3.83
	28	22	M36x2	54	37.5	32	41	36	26 x 2	RED-28L-22L	3.91
PN 160	35	6	M45x2	52	37	41	50	14	32 x 2.5	RED-35L-6L	3.32
	35	8	M45x2	52	37	41	50	17	32 x 2.5	RED-35L-8L	3.37
	35	10	M45x2	53	38	41	50	19	32 x 2.5	RED-35L-10L	3.42
	35	12	M45x2	53	38	41	50	22	32 x 2.5	RED-35L-12L	3.53
	35	15	M45x2	54	39	41	50	27	32 x 2.5	RED-35L-15L	3.71
	35	18	M45x2	55	38.5	41	50	32	32 x 2.5	RED-35L-18L	3.91
	35	22	M45x2	57	40.5	41	50	36	32 x 2.5	RED-35L-22L	4.16
	35	28	M45x2	57	40.5	41	50	41	32 x 2.5	RED-35L-28L	4.26
PN 160	42	6	M52x2	55	40.5	50	60	14	38 x 2.5	RED-42L-6L	5.12
	42	8	M52x2	55	40.5	50	60	17	38 x 2.5	RED-42L-8L	5.18
	42	10	M52x2	56	41.5	50	60	19	38 x 2.5	RED-42L-10L	5.23
	42	12	M52x2	56	41.5	50	60	22	38 x 2.5	RED-42L-12L	5.34
	42	15	M52x2	58	42.5	50	60	27	38 x 2.5	RED-42L-15L	5.51
	42	18	M52x2	58	42	50	60	32	38 x 2.5	RED-42L-18L	6.07
	42	22	M52x2	60	44	50	60	36	38 x 2.5	RED-42L-22L	6.65
	42	28	M52x2	61	44	50	60	41	38 x 2.5	RED-42L-28L	6.80
	42	35	M52x2	65	43	50	60	50	38 x 2.5	RED-42L-35L	6.95

- Dimension L1 & L3 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING TUBE ADAPTOR WITH SWIVEL NUT-RED

SERIES : S-Heavy



- O-Ring : Buna-N is standard
- Viton® O-Ring are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
  Example : RED-8S-6S/ELV

SERIES S-HEAVY	TUBE O.D. (mm)		M	Dimensions are in millimeters					O-RINGS	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2		L1	L3	A/F1	A/F2	A/F3			
PN 630	8	6	M16x1.5	42	27	14	19	17	6 x 1.5	RED-8S-6S	0.34
PN 630	10	6	M18x1.5	42	27.5	17	22	17	7.5 x 1.5	RED-10S-6S	0.72
	10	8	M18x1.5	42	27.5	17	22	19	7.5 x 1.5	RED-10S-8S	0.78
PN 630	12	6	M20x1.5	44	29	17	24	17	9 x 1.5	RED-12S-6S	0.83
	12	8	M20x1.5	44	29	17	24	19	9 x 1.5	RED-12S-8S	0.93
	12	10	M20x1.5	46	29.5	19	24	22	9 x 1.5	RED-12S-10S	1.07
PN 630	14	6	M22x1.5	46	31.5	19	27	17	10 x 2	RED-14S-6S	0.92
	14	8	M22x1.5	46	31.5	19	27	19	10 x 2	RED-14S-8S	0.99
	14	10	M22x1.5	47	31	19	27	22	10 x 2	RED-14S-10S	1.10
	14	12	M22x1.5	47	31	22	27	24	10 x 2	RED-14S-12S	1.19
PN 400	16	6	M24x1.5	47	32	22	30	17	12 x 2	RED-16S-6S	1.27
	16	8	M24x1.5	47	32	22	30	19	12 x 2	RED-16S-8S	1.48
	16	10	M24x1.5	48	31.5	22	30	22	12 x 2	RED-16S-10S	1.48
	16	12	M24x1.5	48	31.5	22	30	24	12 x 2	RED-16S-12S	1.55
	16	14	M24x1.5	51	33	24	30	27	12 x 2	RED-16S-14S	1.63
PN 400	20	6	M30x2	51	36	27	36	17	16.3 x 2.4	RED-20S-6S	1.89
	20	8	M30x2	51	36	27	36	19	16.3 x 2.4	RED-20S-8S	2.05
	20	10	M30x2	52	35.5	27	36	22	16.3 x 2.4	RED-20S-10S	2.06
	20	12	M30x2	52	35.5	27	36	24	16.3 x 2.4	RED-20S-12S	2.13
	20	14	M30x2	55	37	27	36	27	16.3 x 2.4	RED-20S-14S	2.32
	20	16	M30x2	55	36.5	27	36	30	16.3 x 2.4	RED-20S-16S	2.59
PN 400	25	6	M36x2	53	38.5	32	46	17	20.3 x 2.4	RED-25S-6S	3.08
	25	8	M36x2	53	38.5	32	46	19	20.3 x 2.4	RED-25S-8S	3.19
	25	10	M36x2	54	38	32	46	22	20.3 x 2.4	RED-25S-10S	3.32
	25	12	M36x2	54	38	32	46	24	20.3 x 2.4	RED-25S-12S	3.34
	25	14	M36x2	57	39.5	32	46	27	20.3 x 2.4	RED-25S-14S	3.51
	25	16	M36x2	57	39	32	46	30	20.3 x 2.4	RED-25S-16S	3.73
	25	20	M36x2	61	39	32	46	36	20.3 x 2.4	RED-25S-20S	4.36
PN 400	30	6	M42x2	59	44	41	50	17	25.3 x 2.4	RED-30S-6S	4.29
	30	8	M42x2	59	44	41	50	19	25.3 x 2.4	RED-30S-8S	4.31
	30	10	M42x2	60	43.5	41	50	22	25.3 x 2.4	RED-30S-10S	4.36
	30	12	M42x2	60	43.5	41	50	24	25.3 x 2.4	RED-30S-12S	4.43
	30	14	M42x2	63	45	41	50	27	25.3 x 2.4	RED-30S-14S	4.61
	30	16	M42x2	63	44.5	41	50	30	25.3 x 2.4	RED-30S-16S	4.87
	30	20	M42x2	66	44.5	41	50	36	25.3 x 2.4	RED-30S-20S	5.36
	30	25	M42x2	69	45	41	50	46	25.3 x 2.4	RED-30S-25S	6.73
PN 315	38	6	M52x2	62	47.5	50	60	17	33.3 x 2.4	RED-38S-6S	7.08
	38	8	M52x2	62	47.5	50	60	19	33.3 x 2.4	RED-38S-8S	7.10
	38	10	M52x2	63	47	50	60	22	33.3 x 2.4	RED-38S-10S	7.14
	38	12	M52x2	63	47	50	60	24	33.3 x 2.4	RED-38S-12S	7.20
	38	14	M52x2	66	48.5	50	60	27	33.3 x 2.4	RED-38S-14S	7.43
	38	16	M52x2	66	48	50	60	30	33.3 x 2.4	RED-38S-16S	7.70
	38	20	M52x2	70	48	50	60	36	33.3 x 2.4	RED-38S-20S	8.12
	38	25	M52x2	73	48.5	50	60	46	33.3 x 2.4	RED-38S-25S	8.50
	38	30	M52x2	76	49	50	60	50	33.3 x 2.4	RED-38S-30S	8.78

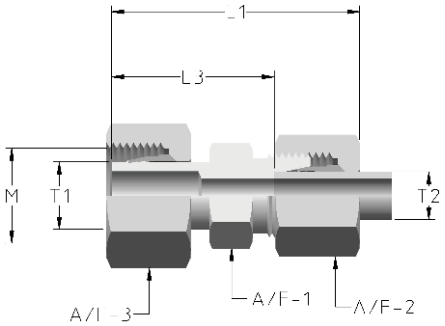
- Dimension L1 & L3 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING STANDPIPE FITTINGS - KOR

SERIES : L-Light

Pre-installed connection for existing cone

Final Assembly : in appropriate Body with at least ½ turn beyond the point of clearly perceptible resistance



SERIES L-LIGHT	TUBE O.D. (mm)		M	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2		L1	L3	A/F1	A/F2	A/F3		
PN 315	8	6	M 14x1.5	43	28.5	14	17	14	KOR-8L-6L	0.38
PN 315	10	6	M 16x1.5	43	28.5	14	19	14	KOR-10L-6L	0.44
	10	8	M 16x1.5	43	28.5	14	19	17	KOR-10L-8L	0.50
PN 315	12	6	M 18x1.5	44	29.5	16	22	14	KOR-12L-6L	0.54
	12	8	M 18x1.5	44	29.5	14	22	17	KOR-12L-8L	0.60
	12	10	M 18x1.5	45	30.5	17	22	19	KOR-12L-10L	0.65
PN 315	15	6	M 22x1.5	44	29.5	16	27	14	KOR-15L-6L	0.77
	15	8	M 22x1.5	44	29.5	16	27	17	KOR-15L-8L	0.83
	15	10	M 22x1.5	45	30.5	17	27	19	KOR-15L-10L	0.88
	15	12	M 22x1.5	45	30.5	19	27	22	KOR-15L-12L	0.95
PN 315	18	6	M 26x1.5	46	31.5	19	32	14	KOR-18L-6L	1.09
	18	8	M 26x1.5	46	31.5	19	32	17	KOR-18L-8L	1.14
	18	10	M 26x1.5	47	32.5	19	32	19	KOR-18L-10L	1.17
	18	12	M 26x1.5	47	32.5	19	32	22	KOR-18L-12L	1.24
	18	15	M 26x1.5	49	33.5	24	32	27	KOR-18L-15L	1.46
PN 160	22	6	M 30x2	47	32.5	24	36	14	KOR-22L-6L	1.44
	22	8	M 30x2	47	32.5	24	36	17	KOR-22L-8L	1.49
	22	10	M 30x2	48	33.5	24	36	19	KOR-22L-10L	1.55
	22	12	M 30x2	48	33.5	24	36	22	KOR-22L-12L	1.62
	22	15	M 30x2	50	34.5	24	36	27	KOR-22L-15L	1.83
	22	18	M 30x2	50	34.0	27	36	32	KOR-22L-18L	2.06
PN 160	28	6	M 36x2	49	34.5	30	41	14	KOR-28L-6L	1.90
	28	8	M 36x2	49	34.5	30	41	17	KOR-28L-8L	1.97
	28	10	M 36x2	50	35.5	30	41	19	KOR-28L-10L	2.02
	28	12	M 36x2	50	35.5	30	41	22	KOR-28L-12L	2.09
	28	15	M 36x2	52	36.5	30	41	27	KOR-28L-15L	2.31
	28	18	M 36x2	52	36.0	30	41	32	KOR-28L-18L	2.50
	28	22	M 36x2	54	38.0	32	41	36	KOR-28L-22L	2.76
PN 160	35	6	M 45x2	55	40.5	36	50	14	KOR-35L-6L	3.12
	35	8	M 45x2	55	40.5	36	50	17	KOR-35L-8L	3.21
	35	10	M 45x2	56	41.5	36	50	19	KOR-35L-10L	3.23
	35	12	M 45x2	56	41.5	36	50	22	KOR-35L-12L	3.30
	35	15	M 45x2	58	42.5	36	50	27	KOR-35L-15L	3.50
	35	18	M 45x2	58	42.0	36	50	32	KOR-35L-18L	3.78
	35	22	M 45x2	60	44.0	36	50	36	KOR-35L-22L	3.95
	35	28	M 45x2	61	44.0	38	50	41	KOR-35L-28L	4.04
PN 160	42	10	M 52x2	57	42.5	46	60	19	KOR-42L-10L	4.65
	42	12	M 52x2	57	42.5	46	60	22	KOR-42L-12L	4.65
	42	15	M 52x2	59	43.5	46	60	27	KOR-42L-15L	4.81
	42	18	M 52x2	59	43.0	46	60	32	KOR-42L-18L	5.12
	42	22	M 52x2	61	45.0	46	60	36	KOR-42L-22L	5.33
	42	28	M 52x2	62	45.0	46	60	41	KOR-42L-28L	5.43
	42	35	M 52x2	66	44.0	46	60	50	KOR-42L-35L	5.97

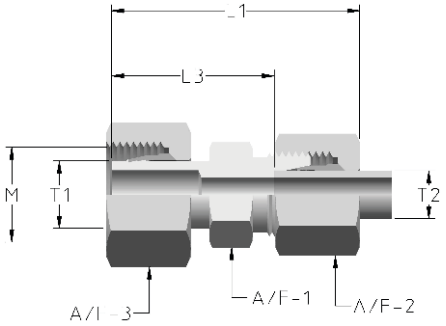
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING STANDPIPE FITTINGS - KOR

SERIES : S-Heavy

Pre-installed connection for existing cone

Final Assembly : in appropriate Body with at least ½ turn beyond the point of clearly perceptible resistance



SERIES S-HEAVY	TUBE O.D. (mm)		M	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2		L1	L3	A/F1	A/F2	A/F3		
PN 630	8	6	M 16x1.5	48	33	16	19	17	KOR-8S-6S	0.54
PN 630	10	6	M 18x1.5	49	34	16	22	17	KOR-10S-6S	0.68
	10	8	M 18x1.5	49	34	17	22	19	KOR-10S-8S	0.75
PN 630	12	6	M 20x1.5	52	37	17	24	17	KOR-12S-6S	0.78
	12	8	M 20x1.5	52	37	17	24	19	KOR-12S-8S	0.83
	12	10	M 20x1.5	53	36.5	19	24	22	KOR-12S-10S	0.94
PN 630	14	6	M 22x1.5	54	39	19	27	17	KOR-14S-6S	1.02
	14	8	M 22x1.5	54	39	19	27	19	KOR-14S-8SS	1.07
	14	10	M 22x1.5	55	38.5	19	27	22	KOR-14S-10S	1.19
	14	12	M 22x1.5	55	38.5	22	27	24	KOR-14S-12S	1.25
PN 400	16	6	M 24x1.5	54	39	22	30	17	KOR-16S-6S	1.22
	16	8	M 24x1.5	54	39	22	30	19	KOR-16S-8S	1.28
	16	10	M 24x1.5	55	38.5	22	30	22	KOR-16S-10S	1.44
	16	12	M 24x1.5	55	38.5	22	30	24	KOR-16S-12S	1.49
	16	14	M 24x1.5	58	40	24	30	27	KOR-16S-14S	1.68
PN 400	20	6	M 30x2	61	46	24	36	17	KOR-20S-6S	1.89
	20	8	M 30x2	61	46	24	36	19	KOR-20S-8S	1.95
	20	10	M 30x2	62	45.5	24	36	22	KOR-20S-10S	2.06
	20	12	M 30x2	62	47	24	36	24	KOR-20S-12S	2.12
	20	14	M 30x2	65	47	24	36	27	KOR-20S-14S	2.30
	20	16	M 30x2	65	46.5	27	36	30	KOR-20S-16S	2.48
PN 400	25	6	M 36x2	66	51	27	46	17	KOR-25S-6S	3.27
	25	8	M 36x2	66	51	27	46	19	KOR-25S-8S	3.36
	25	10	M 36x2	67	50.5	27	46	22	KOR-25S-10S	3.49
	25	12	M 36x2	67	50.5	27	46	24	KOR-25S-12S	3.57
	25	14	M 36x2	69	51	27	46	27	KOR-25S-14S	3.69
	25	16	M 36x2	69	50.5	27	46	30	KOR-25S-16S	3.88
	25	20	M 36x2	73	51.5	32	46	36	KOR-25S-20S	4.42
PN 400	30	6	M 42x2	68	53	32	50	17	KOR-30S-6S	3.94
	30	8	M 42x2	68	53	32	50	19	KOR-30S-8S	4.00
	30	10	M 42x2	69	52.5	32	50	22	KOR-30S-10S	4.00
	30	12	M 42x2	69	52.5	32	50	24	KOR-30S-12S	4.17
	30	14	M 42x2	72	54	32	50	27	KOR-30S-14S	4.32
	30	16	M 42x2	72	53.5	32	50	30	KOR-30S-16S	4.54
	30	20	M 42x2	75	53.5	32	50	36	KOR-30S-20S	5.00
	30	25	M 42x2	78	54	38	50	46	KOR-30S-25S	6.29
PN 315	38	6	M 52x2	73	58	41	60	17	KOR-38S-6S	5.68
	38	8	M 52x2	73	58	41	60	19	KOR-38S-8S	5.68
	38	10	M 52x2	74	57.5	41	60	22	KOR-38S-10S	5.83
	38	12	M 52x2	74	57.5	41	60	24	KOR-38S-12S	5.88
	38	14	M 52x2	77	59	41	60	27	KOR-38S-14S	5.94
	38	16	M 52x2	77	58.5	41	60	30	KOR-38S-16S	6.30
	38	20	M 52x2	80	58.5	41	60	36	KOR-38S-20S	6.83
	38	25	M 52x2	83	59	41	60	46	KOR-38S-25S	8.05
	38	30	M 52x2	86	59.5	46	60	50	KOR-38S-30S	8.36

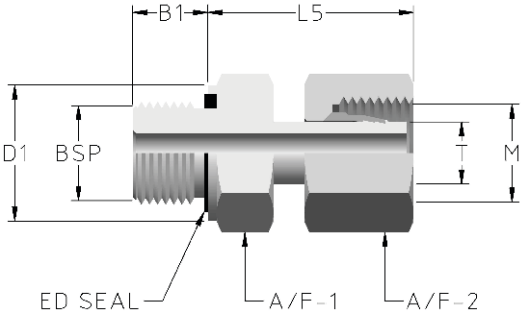
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT STUD STANDPIPES-EVGER

(FOR ADAPTIONS) MALE STUD THREAD : BSP (parallel with ED sealing)

Pre-installed Nut & Cutting Ring for connection with existing cone

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSP	Thread M	Dimensions are in millimeters B1	D1	L5	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN315	6	1/8	M 12x1.5	8	14	24.5	14	14	EVGER-6L-2GED	0.23
	8	1/4	M 14x1.5	12	19	29.5	19	17	EVGER-8L-4GED	0.51
	10	1/4	M 16x1.5	12	19	27.5	19	19	EVGER-10L-4GED	0.46
	12	3/8	M 18x1.5	12	22	34	22	22	EVGER-12L-6GED	0.85
	15	1/2	M 22x1.5	14	27	31	27	27	EVGER-15L-8GED	1.12
	18	1/2	M 26x1.5	14	27	31.5	27	32	EVGER-18L-8GED	1.29
PN160	22	3/4	M 30x2	16	32	32.5	32	36	EVGER-22L-12GED	1.79
	28	1	M 36x2	18	40	35	41	41	EVGER-28L-16GED	2.64
	35	1-1/4	M 45x2	20	50	42.5	50	50	EVGER-35L-20GED	4.35
	42	1-1/2	M 52x2	22	55	46.5	55	60	EVGER-42L-24GED	6.14
S-Heavy PN 630	6	1/4	M 14x1.5	12	19	27	19	17	EVGER-6S-4GED	0.47
	8	1/4	M 16x1.5	12	19	29.5	19	19	EVGER-8S-4GED	0.56
	10	3/8	M 18x1.5	12	22	32	22	22	EVGER-10S-6GED	0.82
	12	3/8	M 20x1.5	12	22	34	22	24	EVGER-12S-6GED	0.94
	12	1/2	M 20x1.5	14	27	34.5	27	24	EVGER-12S-8GED	1.29
	14	1/2	M 22x1.5	14	27	36.5	27	27	EVGER-14S-8GED	1.45
PN 400	16	1/2	M 24x1.5	14	27	37	27	30	EVGER-16S-8GED	1.57
	16	3/4	M 24x1.5	16	32	39	32	30	EVGER-16S-12GED	2.20
	20	3/4	M 30x2	16	32	43	32	36	EVGER-20S-12GED	2.50
	25	1	M 36x2	18	40	48	41	46	EVGER-25S-16GED	4.89
	30	1-1/4	M 42x2	20	50	51	50	50	EVGER-30S-20GED	6.64
PN 315	38	1-1/2	M 52x2	22	55	60	55	60	EVGER-38S-24GED	9.42

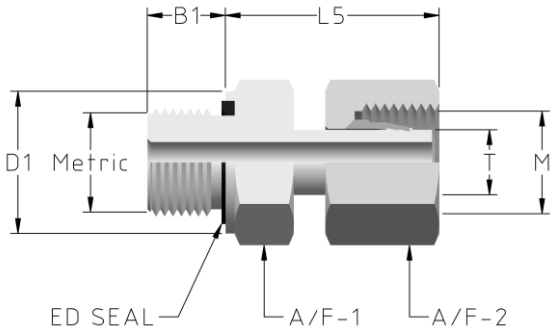
- ED Seal : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EVGER-6L-2GED/SSLV
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT STUD STANDPIPES-EVGE-M

(FOR ADAPTIONS) MALE STUD THREAD : Metric (parallel with ED sealing)

Pre-installed Nut & Cutting Ring for connection with existing cone

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance

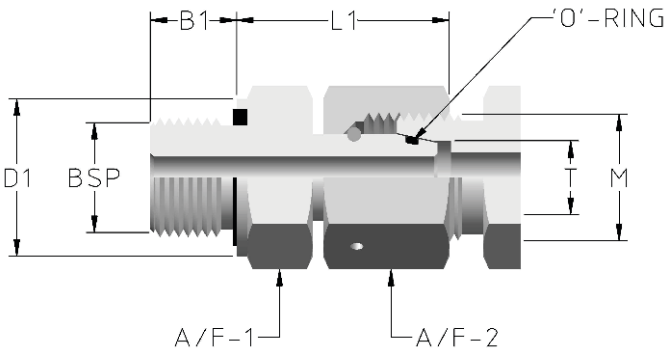


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Thread M	Dimensions are in millimeters B1	D1	L5	A/F1	A/F2	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 10x1	M 12x1.5	8	14	24.5	14	14	EVGEM-6L-10MED	0.23
	8	M 12x1.5	M 14x1.5	12	17	26.5	17	17	EVGEM-8L-12MED	0.37
	10	M 14x1.5	M 16x1.5	12	19	27.5	19	19	EVGEM-10L-14MED	0.48
	12	M 16x1.5	M 18x1.5	12	22	30	22	22	EVGEM-12L-16MED	0.65
	15	M 18x1.5	M 22x1.5	12	24	30.5	24	27	EVGEM-15L-18MED	0.92
	18	M 22x1.5	M 26x1.5	14	27	31.5	27	32	EVGEM-18L-22MED	1.32
PN160	22	M 26x1.5	M 30x2	16	32	32.5	32	36	EVGEM-22L-26MED	1.79
	28	M 33x2	M 36x2	18	40	35	41	41	EVGEM-28L-33MED	2.65
	35	M 42x2	M 45x2	20	50	42.5	50	50	EVGEM-35L-42MED	4.42
	42	M 48x2	M 52x2	22	55	46.5	55	60	EVGEM-42L-48MED	6.13
S-Heavy PN 630	6	M 12x1.5	M 14x1.5	12	17	27	17	17	EVGEM-6S-12MED	0.41
	8	M 14x1.5	M 16x1.5	12	19	29.5	19	19	EVGEM-8S-14MED	0.57
	10	M 16x1.5	M 18x1.5	12	22	32	22	22	EVGEM-10S-16MED	0.81
	12	M 18x1.5	M 20x1.5	12	24	34	24	24	EVGEM-12S-18MED	1.03
	14	M 20x1.5	M 22x1.5	14	26	36.5	27	27	EVGEM-14S-20MED	1.41
PN 315	16	M 22x1.5	M 24x1.5	14	27	37	27	30	EVGEM-16S-22MED	1.60
	20	M 27x2	M 30x2	16	32	43	32	36	EVGEM-20S-27MED	2.50
	25	M 33x2	M 36x2	18	40	48	41	46	EVGEM-25S-33MED	4.97
	30	M 42x2	M 42x2	20	50	51	50	50	EVGEM-30S-42MED	6.57
	38	M 48x2	M 52x2	22	55	60	55	60	EVGEM-38S-48MED	9.42

- ED Seal : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EVGEM-6L-10MED/SSLV
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT STUD ADAPTER WITH SWIVEL NUT-EGER

MALE STUD THREAD : BSP (parallel with ED sealing)

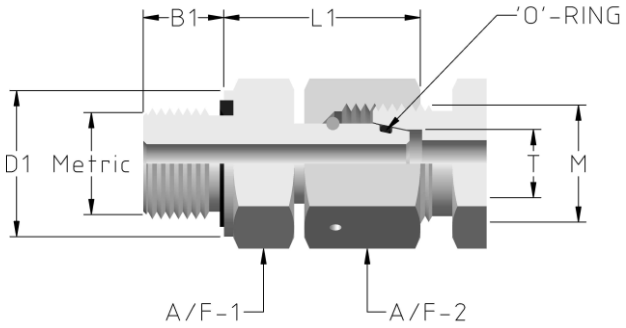


SERIES	TUBE O.D. (mm) T	MALESTUD THREAD BSP	Thread M	Dimensions are in millimeters B1	D1	L1	A/F1	A/F2	O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
L-Light PN 315	6	1/8	M12x1.5	8	14	24.5	14	14	4 x 1.5	EGER-6L-2GED	0.24
	8	1/4	M14x1.5	12	19	29.5	19	17	6 x 1.5	EGER-8L-4GED	0.44
	10	1/4	M16x1.5	12	19	27.5	19	19	7 x 1.5	EGER-10L-4GED	0.47
	12	3/8	M18x1.5	12	22	34	22	22	9 x 1.5	EGER-12l-6GED	0.69
	15	1/2	M22x1.5	14	27	32	27	27	12 x 2	EGER-15L-8GED	1.21
	18	1/2	M26x1.5	14	27	31.5	27	32	15 x 2	EGER-18L-8GED	1.34
PN 160	22	3/4	M30x2	16	32	32.5	32	36	20 x 2	EGER-22L-12GED	1.96
	28	1	M36x2	18	41	35	41	41	26 x 2	EGER-28L-16GED	3.60
	35	1-1/4	M45x2	20	50	42.5	50	50	32 x 2.5	EGER-35L-20GED	4.55
	42	1-1/2	M52x2	22	55	46.5	55	60	38 x 2.5	EGER-42L-24GED	6.62
S-Heavy PN 630	6	1/4	M14x1.5	12	19	27	19	17	4 x 1.5	EGER-6S-4GED	0.45
	8	1/4	M16x1.5	12	19	29.5	19	19	6 x 1.5	EGER-8S-4GED	0.50
	10	3/8	M18x1.5	12	22	32	22	22	7.5 x 1.5	EGER-10S-6GED	0.74
	12	3/8	M20x1.5	12	22	34	24	24	9 x 1.5	EGER-12S-6GED	0.82
	14	1/2	M22x1.5	14	27	36.5	27	27	10 x 2	EGER-14S-8GED	1.26
PN 400	16	1/2	M24x1.5	14	27	37	27	30	12 x 2	EGER-16S-8GED	1.46
	20	3/4	M30x2	16	32	43	32	36	16.3 x 2.4	EGER-20S-12GED	2.21
	25	1	M36x2	18	40	48	41	46	20.3 x 2.4	EGER-25S-16GED	4.02
	30	1-1/4	M42x2	20	50	51	50	50	25.3 x 2.4	EGER-30S-20GED	5.82
PN 315	38	1-1/2	M52x2	22	55	60	55	60	33.3 x 2.4	EGER-38S-24GED	7.86

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EGER-6L-2GED/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Dimensions are for reference only and are subject to change without notice.

STRAIGHT STUD ADAPTER WITH SWIVEL NUT-EGEM

MALE STUD THREAD : Metric (parallel with ED sealing)



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	M	Dimensions are in millimeters B1	D1	L1	A/F1	A/F2	O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M10x1	M12x1.5	8	14	24.5	14	14	4 x 1.5	EGEM-6L-10MED	0.23
	8	M12x1.5	M14x1.5	12	17	26.5	17	17	6 x 1.5	EGEM-8L-12MED	0.38
	10	M14x1.5	M16x1.5	12	19	27.5	19	19	7.5 x 1.5	EGEM-10L-14MED	0.48
	12	M16x1.5	M18x1.5	12	22	34	22	22	9 x 1.5	EGEM-12L-16MED	0.67
	15	M18x1.5	M22x1.5	12	24	32	24	27	12 x 2	EGEM-15L-18MED	1.01
	18	M22x1.5	M26x1.5	14	27	30.5	27	32	15 x 2	EGEM-18L-22MED	1.38
PN 160	22	M26x1.5	M30x2	16	32	32.5	32	36	20 x 2	EGEM-22L-26MED	1.99
	28	M33x2	M36x2	18	40	35	41	41	26 x 2	EGEM-28L-33MED	3.58
	35	M42x2	M45x2	20	50	42.5	50	50	32 x 2.5	EGEM-35L-42MED	4.50
	42	M48x2	M52x2	22	55	46.5	55	60	38 x 2	EGEM-42L-48MED	7.08
S-Heavy PN 630	6	M12x1.5	M14x1.5	12	17	27	17	17	4 x 1.5	EGEM-6S-12MED	0.40
	8	M14x1.5	M16x1.5	12	19	29.5	19	19	6 x 1.5	EGEM-8S-14MED	0.51
	10	M16x1.5	M18x1.5	12	22	32	22	22	7.5 x 1.5	EGEM-10S-16MED	0.71
	12	M18x1.5	M20x1.5	12	24	34	24	24	9 x 1.5	EGEM-12S-18MED	0.89
	14	M20x1.5	M22x1.5	14	27	36.5	27	27	10 x 2	EGEM-14S-20MED	1.21
PN 400	16	M22x1.5	M24x1.5	14	27	37	27	30	12 x 2	EGEM-16S-22MED	1.48
	20	M27x2	M30x2	16	32	43	32	36	16.3 x 2.4	EGEM-20S-27MED	2.23
	25	M33x2	M36x2	18	41	48	41	46	20.3 x 2.4	EGEM-25S-33MED	4.00
	30	M42x2	M42x2	20	50	51	50	50	25.3 x 2.4	EGEM-30S-42MED	5.83
PN 315	38	M48x2	M52x2	22	55	60	55	60	33.3 x 2.4	EGEM-38S-48MED	7.82

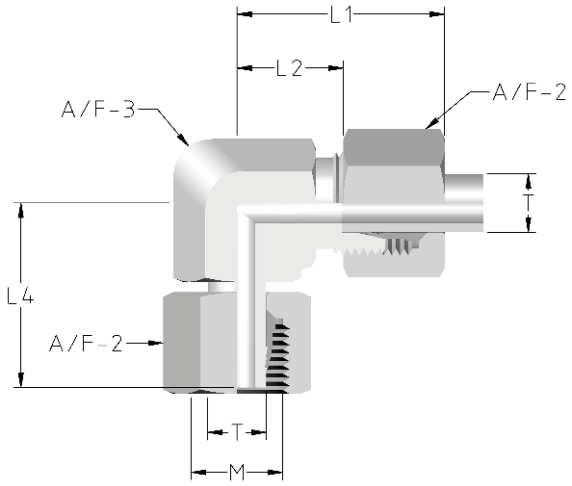
- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :EGEM-6L-10MED/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS - EVW

(for adaptions)

Pre-installed Nut & Cutting Ring for connection with existing cone

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm)	Thread	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	M	L1	L2	L4	A/F2	A/F3		
L-Light PN 315	6	M12x1.5	27	12	26	14	12	EVW-6L	0.38
	8	M14x1.5	29	14	27.5	17	12	EVW-8L	0.52
	10	M16x1.5	30	15	29	19	14	EVW-10L	0.68
	12	M18x1.5	32	17	29.5	22	17	EVW-12L	0.91
	15	M22x1.5	36	21	32.5	27	19	EVW-15L	1.55
	18	M26x1.5	40	23.5	35.5	32	24	EVW-18L	2.28
PN 160	22	M30x2	44	27.5	38.5	36	27	EVW-22L	3.15
	28	M36x2	47	30.5	41.5	41	36	EVW-28L	4.45
	35	M45x2	56	34.5	51	50	41	EVW-35L	6.97
	42	M52x2	63	40	60	60	50	EVW-42L	10.71
S-Heavy PN 630	6	M14x1.5	31	16	27	17	12	EVW-6S	0.59
	8	M16x1.5	32	17	27.5	19	14	EVW-8S	0.80
	10	M18x1.5	34	17.5	30	22	17	EVW-10S	1.12
	12	M20x1.5	38	21.5	31	24	19	EVW-12S	1.38
	14	M22x1.5	40	22	35	27	19	EVW-14S	1.87
PN 400	16	M24x1.5	43	24.5	36.5	30	24	EVW-16S	2.52
	20	M30x2	48	26.5	44.5	36	27	EVW-20S	3.91
	25	M36x2	54	30	50	46	36	EVW-25S	7.74
	30	M42x2	62	35.5	55	50	41	EVW-30S	9.74
PN 315	38	M52x2	72	41	66.5	60	50	EVW-38S	14.80

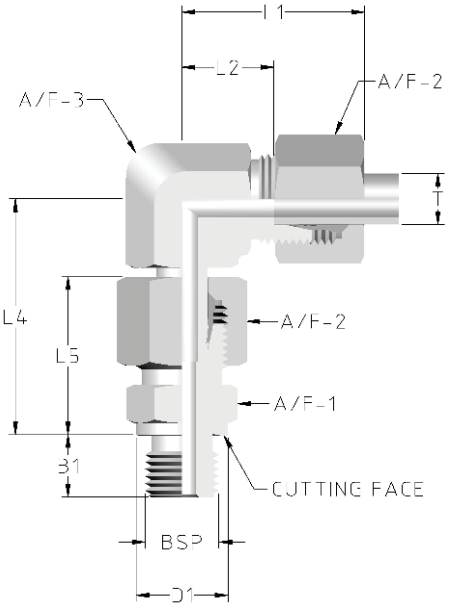
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS - EVWR

MALE STUD THREAD : BSP (Parallel with cutting face to DIN 3852 Form B)

Pre-installed with straight male stud thread BSP (with cutting face to DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSP	Dimensions are in millimeters B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
L-Light PN 315	6	1/8	8	14	27	12	34.5	23	14	14	12	EVWR-6L-2RP	0.52
	8	1/4	12	18	29	14	37.5	25	19	17	12	EVWR-8L-4RP	0.80
	10	1/4	12	18	30	15	40	26	19	19	14	EVWR-10L-4RP	0.96
	12	3/8	12	22	32	17	42	27	22	22	17	EVWR-12L-6RP	1.33
	15	1/2	14	26	36	21	46.5	29	27	27	19	EVWR-15L-8RP	2.28
	18	1/2	14	26	40	23.5	50	31	27	32	24	EVWR-18L-8RP	2.99
PN 160	22	3/4	16	32	44	27.5	55	33	32	36	27	EVWR-22L-12RP	4.18
	28	1	18	39	47	30.5	59	34	41	41	36	EVWR-28L-16RP	6.13
	35	1-1/4	20	49	56	34.5	68.5	39	50	50	41	EVWR-35L-20RP	9.73
	42	1-1/2	22	55	63	40	79	42	55	60	50	EVWR-42L-24RP	14.2
S-Heavy PN 630	6	1/4	12	18	31	16	40	28	19	17	12	EVWR-6S-4RP	0.95
	8	1/4	12	18	32	17	42.5	30	19	19	14	EVWR-8S-4RP	1.21
	10	3/8	12	22	34	17.5	45	31	22	22	17	EVWR-10S-6RP	1.69
	12	3/8	12	26	38	21.5	48	33	22	24	19	EVWR-12S-6RP	2.01
	14	1/2	14	26	40	22	54	37	27	27	19	EVWR-14S-8RP	2.84
PN 400	16	1/2	14	26	43	24.5	55	37	27	30	24	EVWR-16S-8RP	3.44
	20	3/4	16	32	48	26.5	65	42	32	36	27	EVWR-20S-12RP	5.42
	25	1	18	39	54	30	73	47	41	46	36	EVWR-25S-16RP	10.41
PN 250	30	1-1/4	20	49	62	35.5	78.5	50	50	50	41	EVWR-30S-20RP	13.96
	38	1-1/2	22	55	72	41	92.5	57	55	60	50	EVWR-38S-24RP	20.40

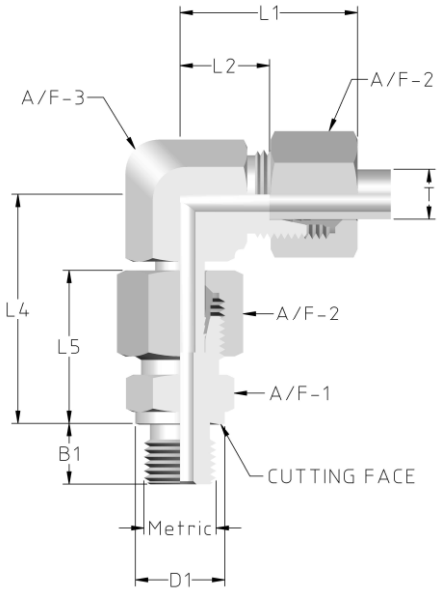
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS - EVWM

MALE STUD THREAD : Metric (Parallel with cutting face to DIN 3852 Form B)

Pre-installed with straight male stud thread Metric (with cutting face to DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm)	MALE STUD THREAD METRIC	Dimensions are in millimeters								DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
	T		B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3	
L-Light PN315	6	M 10x1	8	14	27	12	34.5	23	14	14	12	EVWM-6L-10MP	0.52
	8	M 12x1.5	12	17	29	14	37.5	25	17	17	12	EVWM-8L-12MP	0.80
	10	M 14x1.5	12	19	30	15	40	26	19	19	14	EVWM-10L-14MP	0.96
	12	M 16x1.5	12	21	32	17	42	27	22	22	17	EVWM-12L-16MP	1.33
	15	M 18x1.5	12	23	36	21	46	29	24	27	19	EVWM-15L-18MP	2.28
	18	M 22x1.5	14	27	40	23.5	50	31	27	32	24	EVWM-18L-22MP	2.99
PN160	22	M 26x1.5	16	31	44	27.5	55	33	32	36	27	EVWM-22L-26MP	4.18
	28	M 33x2	18	39	47	30.5	59	34	41	41	36	EVWM-28L-33MP	6.13
	35	M 42x2	20	49	56	34.5	68.5	39	50	50	41	EVWM-35L-42MP	9.73
	42	M 48x2	22	55	63	40	79	42	55	60	50	EVWM-42L-48MP	14.20
S-Heavy PN 630	6	M 12x1.5	12	17	31	16	40	28	17	17	12	EVWM-6S-12MP	0.95
	8	M 14x1.5	12	19	32	17	42.5	30	19	19	14	EVWM-8S-14MP	1.21
	10	M 16x1.5	12	21	34	17.5	45	31	22	22	17	EVWM-10S-16MP	1.69
	12	M 18x1.5	12	23	38	21.5	48	33	24	24	19	EVWM-12S-18MP	2.01
	14	M 20x1.5	14	25	40	22	54	37	27	27	19	EVWM-14S-20MP	2.84
PN 400	16	M 22x1.5	14	27	43	24.5	55	37	27	30	24	EVWM-16S-22MP	3.44
	20	M 27x2	16	32	48	26.5	65	42	32	36	27	EVWM-20S-27MP	5.42
	25	M 33x2	18	39	54	30	73	47	41	46	36	EVWM-25S-33MP	10.41
PN 250	30	M 42x2	20	49	62	35.5	78.5	50	50	50	41	EVWM-30S-42MP	13.96
	38	M 48x2	22	55	72	41	92.5	57	55	60	50	EVWM-38S-48MP	20.40

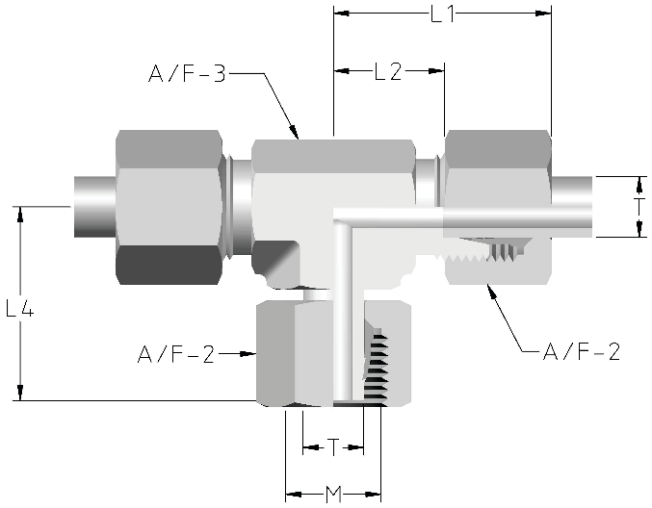
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS - EVT

(For Adaptions)

Pre-installed Nut & Cutting Ring for connection with existing cone

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	Thread M	Dimensions are in millimeters L1	L2	L4	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 12x1.5	27	12	26	14	12	EVT-6L	0.38
	8	M 14x1.5	29	14	27.5	17	12	EVT-8L	0.52
	10	M 16x1.5	30	15	29	19	14	EVT-10L	0.68
	12	M 18x1.5	32	17	30.5	22	17	EVT-12L	0.91
	15	M 22x1.5	36	21	32.5	27	19	EVT-15L	1.55
	18	M 26x1.5	40	23.5	35.5	32	24	EVT-18L	2.28
PN 160	22	M 30x2	44	27.5	39	36	27	EVT-22L	3.15
	28	M 36x2	47	30.5	43.5	41	36	EVT-28L	4.45
	35	M 45x2	56	34.5	54.5	50	41	EVT-35L	6.97
	42	M 52x2	63	40	60	60	50	EVT-42L	10.71
S-Heavy PN 630	6	M 14x1.5	31	16	27	17	12	EVT-6S	0.59
	8	M 16x1.5	32	17	29	19	14	EVT-8S	0.80
	10	M 18x1.5	34	17.5	32	22	17	EVT-10S	1.12
	12	M 20x1.5	38	21.5	33	24	19	EVT-12S	1.38
	14	M 22x1.5	40	22	35	27	19	EVT-14S	1.87
PN 400	16	M 24x1.5	43	24.5	36.5	30	24	EVT-16S	2.52
	20	M 30x2	48	26.5	44.5	36	27	EVT-20S	3.91
	25	M 36x2	54	30	50.5	46	36	EVT-25S	7.74
	30	M 42x2	62	35.5	56.5	50	41	EVT-30S	9.74
PN 315	38	M 52x2	72	41	66.5	60	50	EVT-38S	14.8

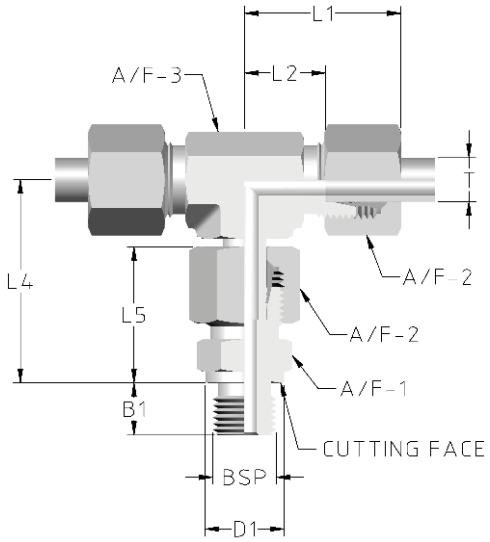
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS - EVTR

MALE STUD THREAD : BSP (Parallel with cutting face to DIN 3852 Form B)

Pre-installed with straight male stud thread BSP (with cutting face to DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSP	Dimensions are in millimeters									DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3		
L-Light PN315	6	1/8	8	14	27	12	34.5	23	14	14	12	EVTR-6L-2RP	0.70
	8	1/4	12	18	29	14	37.5	25	19	17	12	EVTR-8L-4RP	1.04
	10	1/4	12	18	30	15	40	26	19	19	14	EVTR-10L-4RP	1.26
	12	3/8	12	22	32	17	43	27	22	22	17	EVTR-12L-6RP	1.74
	15	1/2	14	26	36	21	46.5	29	27	27	19	EVTR-15L-8RP	2.94
	18	1/2	14	26	40	23.5	50	31	27	32	24	EVTR-18L-8RP	3.95
PN 160	22	3/4	16	32	44	27.5	55.5	33	32	36	27	EVTR-22L-12RP	5.45
	28	1	18	39	47	30.5	61	34	41	41	36	EVTR-28L-16RP	7.83
	35	1-1/4	20	49	56	34.5	72	39	50	50	41	EVTR-35L-20RP	12.16
	42	1-1/2	22	55	63	40	79	42	55	60	50	EVTR-42L-24RP	17.62
S-Heavy PN 630	6	1/4	12	18	31	16	40	28	19	17	12	EVTR-6S-4RP	1.26
	8	1/4	12	18	32	17	44	30	19	19	14	EVTR-8S-4RP	1.59
	10	3/8	12	22	34	17.5	47	31	22	22	17	EVTR-10S-6RP	2.23
	12	3/8	12	22	38	21.5	50	33	22	24	19	EVTR-12S-6RP	2.65
	14	1/2	14	26	40	22	54	37	27	27	19	EVTR-14S-8RP	3.68
PN 400	16	1/2	14	26	43	24.5	55	37	27	30	24	EVTR-16S-8RP	4.61
	20	3/4	16	32	48	26.5	65	42	32	36	27	EVTR-20S-12RP	7.12
	25	1	18	39	54	30	73.5	47	41	46	36	EVTR-25S-16RP	13.59
	30	1-1/4	20	49	62	35.5	80	50	50	50	41	EVTR-30S-20RP	17.8
PN 250	38	1-1/2	22	55	72	41	92.5	57	55	60	50	EVTR-38S-24RP	25.94

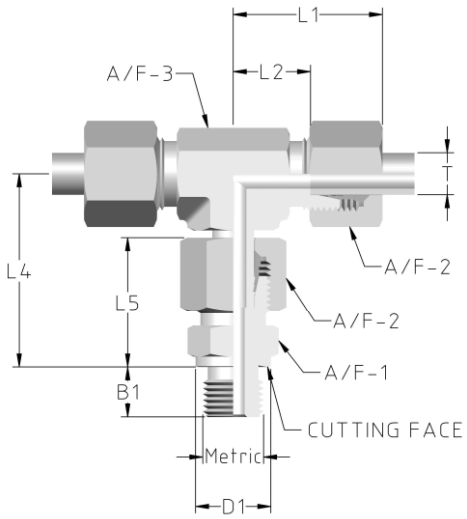
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS - EVTM

MALE STUD THREAD : Metric (Parallel with cutting face to DIN 3852 Form B)

Pre-installed with straight male stud thread Metric (with cutting face to DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Dimensions are in millimeters									DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3		
L-Light PN315	6	M10 x 1	8	14	27	12	34.5	23	14	14	12	EVTM-6L-10MP	0.70
	8	M12 x 1.5	12	17	29	14	37.5	25	17	17	12	EVTM-8L-12MP	1.04
	10	M14 x 1.5	12	19	30	15	40	26	19	19	14	EVTM-10L-14MP	1.26
	12	M16 x 1.5	12	21	32	17	43	27	22	22	17	EVTM-12L-16MP	1.74
	15	M18 x 1.5	12	23	36	21	46.5	29	24	27	19	EVTM-15L-18MP	2.94
	18	M22 x 1.5	14	27	40	23.5	50	31	27	32	24	EVTM-18L-22MP	3.95
PN 160	22	M26 x 1.5	16	31	44	27.5	55.5	33	32	36	27	EVTM-22L-26MP	5.45
	28	M33 x 2	18	39	47	30.5	61	34	41	41	36	EVTM-28L-33MP	7.83
	35	M42 x 2	20	49	56	34.5	72	39	50	50	41	EVTM-35L-42MP	12.16
	42	M48 x 2	22	55	63	40	79	42	55	60	50	EVTM-42L-48MP	17.62
S-Heavy PN 630	6	M12 x 1.5	12	17	31	16	40	28	17	17	12	EVTM-6S-12MP	1.26
	8	M14 x 1.5	12	19	32	17	44	30	19	19	14	EVTM-8S-14MP	1.59
	10	M16 x 1.5	12	21	34	17.5	47	31	22	22	17	EVTM-10S-16MP	2.23
	12	M18 x 1.5	12	23	38	21.5	50	33	24	24	19	EVTM-12S-18MP	2.65
	14	M20 x 1.5	14	25	40	22	54	37	27	27	19	EVTM-14S-20MP	3.68
PN 400	16	M22 x 1.5	14	27	43	24.5	55	37	27	30	24	EVTM-16S-22MP	4.61
	20	M27 x 2	16	32	48	26.5	65	42	32	36	27	EVTM-20S-27MP	7.12
	25	M33 x 2	18	39	54	30	73.5	47	41	46	36	EVTM-25S-33MP	13.59
	30	M42 x 2	20	49	62	35.5	80	50	50	50	41	EVTM-30S-42MP	17.8
PN 250	38	M48 x 2	22	55	72	41	92.5	57	55	60	50	EVTM-38S-48MP	25.94

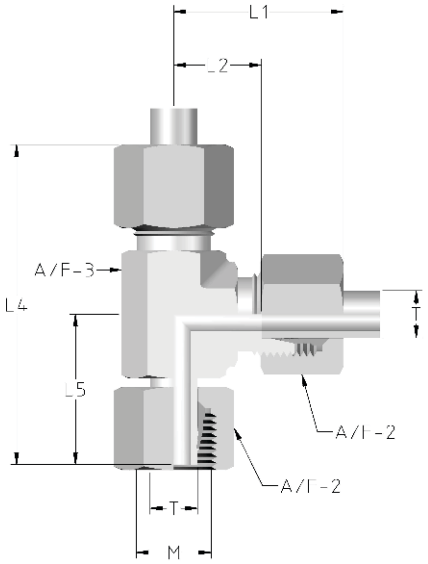
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE BARREL TEE FITTINGS - EVL

(For Adaptions)

Pre-installed Nut & Cutting Ring for connection with existing cone

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	Thread M	Dimensions are in millimeters L1	L2	L4	L5	A/F2	A/F3	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L-Light PN 315	6	M 12x1.5	27	12	53	26	14	12	EVL-6L	0.57
	8	M 14x1.5	29	14	56	27.5	17	12	EVL-8L	0.77
	10	M 16x1.5	30	15	59	29	19	14	EVL-10L	0.96
	12	M 18x1.5	32	17	62	30.5	22	17	EVL-12L	1.30
	15	M 22x1.5	36	21	69	32.5	27	19	EVL-15L	2.23
	18	M 26x1.5	40	23.5	75	35.5	32	24	EVL-18L	3.20
PN160	22	M 30x2	44	27.5	83	39	36	27	EVL-22L	4.40
	28	M 36x2	47	30.5	91	43.5	41	36	EVL-28L	6.06
	35	M 45x2	56	34.5	111	54.5	50	41	EVL-35L	9.35
	42	M 52x2	63	40	123	60	60	50	EVL-42L	14.09
S-Heavy PN 630	6	M 14x1.5	31	16	58	27	17	12	EVL-6S	0.91
	8	M 16x1.5	32	17	61	29	19	14	EVL-8S	1.18
	10	M 18x1.5	34	17.5	66	32	22	17	EVL-10S	1.65
	12	M 20x1.5	38	21.5	71	33	24	19	EVL-12S	2.04
	14	M 22x1.5	40	22	75	35	27	19	EVL-14S	2.79
PN 400	16	M 24x1.5	43	24.5	79	36.5	30	24	EVL-16S	3.68
	20	M 30x2	48	26.5	93	44.5	36	27	EVL-20S	5.61
	25	M 36x2	54	30	105	50.5	46	36	EVL-25S	10.9
	30	M 42x2	62	35.5	119	56.5	50	41	EVL-30S	13.49
PN 315	38	M 52x2	72	41	138	66.5	60	50	EVL-38S	20.42

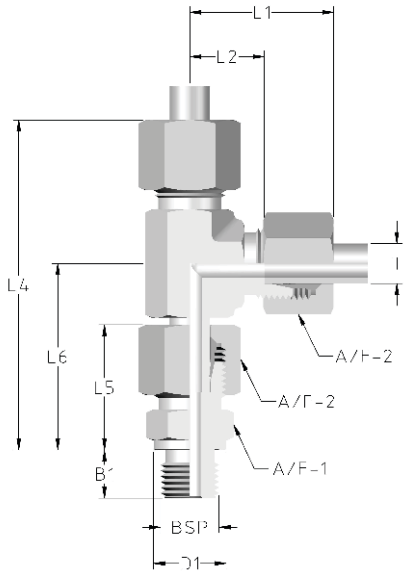
- Dimension L1 & L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE BARREL TEE FITTINGS - EVLR

MALE STUD THREAD : BSP (Parallel with cutting face to DIN 3852 Form B)

Pre-installed with straight male stud thread Metric (with cutting face to DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance



SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSP	Dimensions are in millimeters										DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
			B1	D1	L1	L2	L4	L5	L6	A/F1	A/F2	A/F3		
L-Light PN 315	6	1/8	8	14	27	12	61	23	34.5	14	14	12	EVLR-6L-2RP	0.71
	8	1/4	12	18	29	14	66	25	37.5	19	17	12	EVLR-8L-4RP	1.04
	10	1/4	12	18	30	15	70	26	40	19	19	14	EVLR-10L-4RP	1.24
	12	3/8	12	22	32	17	75	27	43	22	22	17	EVLR-12L-6RP	1.72
	15	1/2	14	26	36	21	83	29	46.0	27	27	19	EVLR-15L-8RP	2.95
	18	1/2	14	26	40	23.5	89	31	50	27	32	24	EVLR-18L-8RP	3.92
PN 160	22	3/4	16	32	44	27.5	99	33	55.5	32	36	27	EVLR-22L-12RP	5.43
	28	1	18	39	47	30.5	108	34	61	41	41	36	EVLR-28L-16RP	7.74
	35	1-1/4	20	49	56	34.5	128	39	72	50	50	41	EVLR-35L-20RP	12.1
	42	1-1/2	22	55	63	40	142	42	79	55	60	50	EVLR-42L-24RP	17.58
S-Heavy PN 630	6	1/4	12	18	31	16	71	28	40	19	17	12	EVLR-6S-4RP	1.26
	8	1/4	12	18	32	17	376	30	44	19	19	14	EVLR-8S-4RP	1.59
	10	3/8	12	22	34	17.5	81	31	47	22	22	17	EVLR-10S-6RP	2.22
	12	3/8	12	22	38	21.5	88	33	50	22	24	19	EVLR-12S-6RP	2.66
	14	1/2	14	26	40	22	94	37	54	27	27	19	EVLR-14S-8RP	3.76
PN 400	16	1/2	14	26	43	24.5	98	37	55	27	30	24	EVLR-16S-8RP	4.60
	20	3/4	16	32	48	26.5	113	42	65	32	36	27	EVLR-20S-12RP	7.11
	25	1	18	39	54	30	128	47	73.5	41	46	36	EVLR-25S-16RP	13.57
	30	1-1/4	20	49	62	35.5	142	50	80	50	50	41	EVLR-30S-20RP	17.72
PN 250	38	1-1/2	22	55	72	41	164	57	92.5	55	60	50	EVLR-38S-24RP	26.02

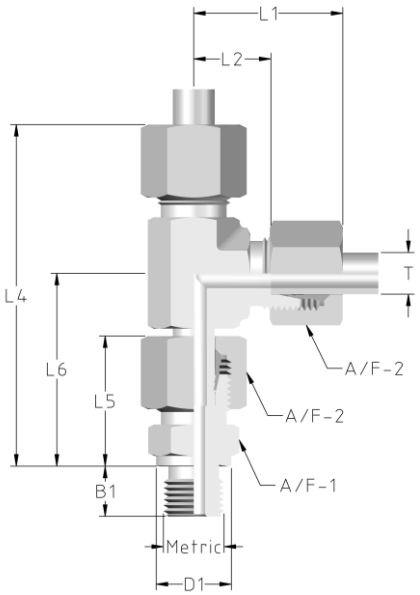
- Dimension L1, L4, L5 & L6 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE BARREL TEE FITTINGS - EVLM

MALE STUD THREAD : Metric (Parallel with cutting face according to DIN 3852 Form B)

Pre-installed with straight male stud thread Metric (with cutting face DIN 3852 form B)

Final Assembly (in appropriate Body) at least ½ turn beyond the point of clearly perceptible resistance

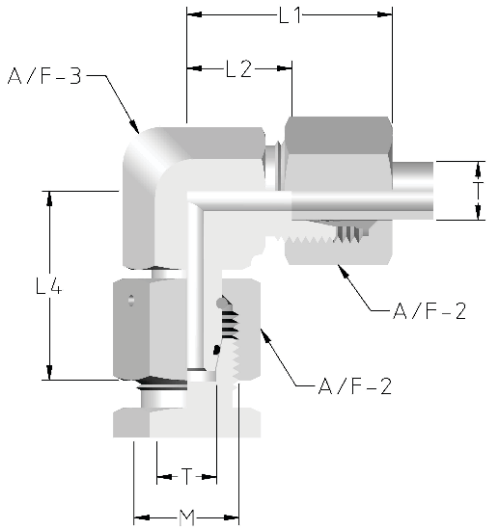


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD METRIC	Dimensions are in millimeters										DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	D1	L1	L2	L4	L5	L6	AF/1	AF/2	AF/3		
L-Light PN315	6	M 10 x 1	8	14	27	12	61	23	34.5	14	14	12	EVLM-6L-10MP	0.71
	8	M 12 x 1.5	12	17	29	14	66	25	37.5	17	17	12	EVLM-8L-12MP	1.04
	10	M 14 x 1.5	12	19	30	15	70	26	40	19	19	14	EVLM-10L-14MP	1.24
	12	M 16 x 1.5	12	21	32	17	75	27	43	22	22	17	EVLM-12L-16MP	1.72
	15	M 18 x 1.5	12	23	36	21	83	29	46	24	27	19	EVLM-15L-18MP	2.95
	18	M 22 x 1.5	14	27	40	23.5	89	31	50	27	32	24	EVLM-18L-22MP	3.92
PN160	22	M 26 x 1.5	16	31	44	27.5	99	33	55.5	32	36	27	EVLM-22L-26MP	5.43
	28	M 33 x 2	18	39	47	30.5	108	34	61	41	41	36	EVLM-28L-33MP	7.74
	35	M 42 x 2	20	49	56	34.5	128	39	72	50	50	41	EVLM-35L-42MP	12.10
	42	M 48 x 2	22	55	63	40	142	42	79	55	60	50	EVLM-42L-48MP	17.58
S-Heavy PN 630	6	M 12 x 1.5	12	17	31	16	71	28	40	17	17	12	EVLM-6S-12MP	1.26
	8	M 14 x 1.5	12	19	32	17	76	30	44	19	19	14	EVLM-8S-14MP	1.59
	10	M 16 x 1.5	12	21	34	17.5	81	31	47	22	22	17	EVLM-10S-16MP	2.22
	12	M 18 x 1.5	12	23	38	21.5	88	33	50	24	24	19	EVLM-12S-18MP	2.66
	14	M 20 x 1.5	14	25	40	22	94	37	54	27	27	19	EVLM-14S-20MP	3.76
PN 400	16	M 22 x 1.5	14	27	43	24.5	98	37	55	27	30	24	EVLM-16S-22MP	4.60
	20	M 27 x 2	16	32	48	26.5	113	42	65	32	36	27	EVLM-20S-27MP	7.11
	25	M 33 x 2	18	39	54	30	128	47	73.5	41	46	36	EVLM-25S-33MP	13.57
	30	M 42 x 2	20	49	62	35.5	142	50	80	50	50	41	EVLM-30S-42MP	17.72
	38	M 48 x 2	22	55	72	41	164	57	92.5	55	60	50	EVLM-38S-48MP	26.02

- Dimension L1, L4, L5 & L6 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS WITH SWIVEL NUT-EW

(For Adaptions)

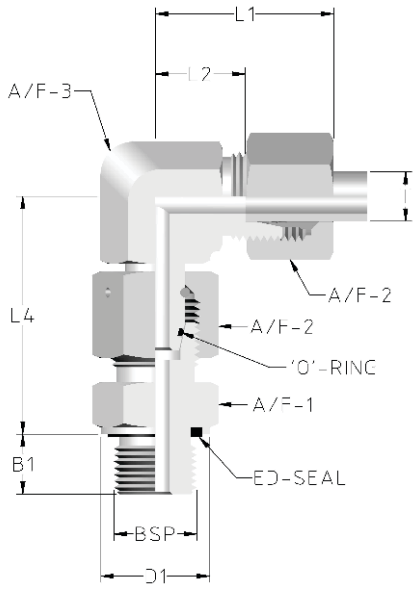


SERIES	TUBE O.D. (mm)	Thread M	Dimensions are in millimeters					O-Ring	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		L1	L2	L4	A/F2	A/F3			
L-Light PN 315	6	M12x1.5	27	12	26	14	12	4 x 1.5	EW-6L	0.40
	8	M14x1.5	29	14	27.5	17	12	6 x 1.5	EW-8L	0.55
	10	M16x1.5	30	15	29	19	14	7.5 x 1.5	EW-10L	0.71
	12	M18x1.5	32	17	29.5	22	17	9 x 1.5	EW-12L	0.96
	15	M22x1.5	36	21	32.5	27	19	12 x 2	EW-15L	1.66
	18	M26x1.5	40	23.5	35.5	32	24	15 x 2	EW-18L	2.36
PN 160	22	M30x2	44	27.5	38.5	36	27	20 x 2	EW-22L	3.27
	28	M36x2	47	30.5	41.5	41	36	26 x 2	EW-28L	5.24
	35	M45x2	56	34.5	51	50	41	32 x 2.5	EW-35L	6.88
	42	M52x2	63	40	56	60	50	38 x 2.5	EW-42L	10.80
S-Heavy PN 630	6	M14x1.5	31	16	27	17	12	4 x 1.5	EW-6S	0.62
	8	M16x1.5	32	17	27.5	19	14	6 x 1.5	EW-8S	0.74
	10	M18x1.5	34	17.5	30	22	17	7.5 x 1.5	EW-10S	1.13
	12	M20x1.5	38	21.5	31	24	19	9 x 1.5	EW-12S	1.40
	14	M22x1.5	40	22	35	27	19	10 x 2	EW-14S	1.93
PN 400	16	M24x1.5	43	24.5	36.5	30	24	12 x 2	EW-16S	2.58
	20	M30x2	48	26.5	44.5	36	27	16.3 x 2.4	EW-20S	4.03
	25	M36x2	54	30	50	46	36	20.3 x 2.4	EW-25S	7.51
	30	M42x2	62	35.5	55	50	41	25.3 x 2.4	EW-30S	9.64
PN 315	38	M52x2	72	41	63	60	50	33.3 x 2.4	EW-38S	14.25

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EW-6L/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS WITH SWIVEL NUT-EWR

MALE STUD THREAD : BSP (Parallel with Ed Sealing)

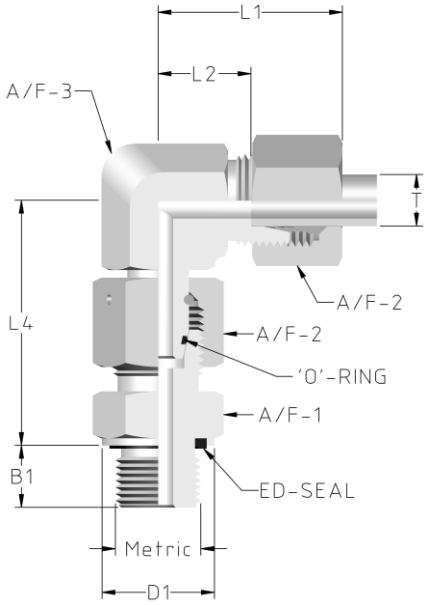


SERIES	TUBE O.D. (mm)	MALE STUD THREAD BSP	Dimensions are in millimeters								DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	D1	L1	L2	L4	A/F1	A/F2	A/F3		
L-Light PN 315	6	1/8	8	14	27	12	34.5	14	14	12	EWR-6L-2GED	0.53
	8	1/4	12	19	29	14	37.5	19	17	12	EWR-8L-4GED	0.82
	10	1/4	12	19	30	15	40	19	19	14	EWR-10L-4GED	0.98
	12	3/8	12	22	32	17	42	22	22	17	EWR-12L-6GED	1.37
	15	1/2	14	27	36	21	46.5	27	27	19	EWR-15L-8GED	2.37
	18	1/2	14	27	40	23.5	50	27	32	24	EWR-18L-8GED	3.06
PN 160	22	3/4	16	32	44	27.5	55	32	36	27	EWR-22L-12GED	4.29
	28	1	18	40	47	30.5	59	41	41	36	EWR-28L-16GED	6.94
	35	1-1/4	20	50	56	34.5	68.5	50	50	41	EWR-35L-20GED	9.56
	42	1-1/2	22	55	63	40	75	55	60	50	EWR-42L-24GED	14.23
S-Heavy PN 630	6	1/4	12	19	31	16	40	19	17	12	EWR-6S-4GED	0.97
	8	1/4	12	19	32	17	42.5	19	19	14	EWR-8S-4GED	1.15
	10	3/8	12	22	34	17.5	48	22	22	17	EWR-10S-6GED	1.68
	12	3/8	12	22	38	21.5	48	22	24	18	EWR-12S-6GED	2.03
	14	1/2	14	27	40	22	54	27	27	19	EWR-14S-8GED	2.89
PN 400	16	1/2	14	27	43	24.5	55	27	30	24	EWR-16S-8GED	3.50
	20	3/4	16	32	48	26.5	65	32	36	27	EWR-20S-12GED	5.52
	25	1	18	40	54	30	73	41	46	36	EWR-25S-16GED	10.17
	30	1-1/4	20	50	62	35.5	78.5	50	50	41	EWR-30S-20GED	13.82
PN 315	38	1-1/2	22	55	72	41	89	55	60	50	EWR-38S-24GED	19.88

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EWR-6L-2GED/SSLV
- Dimension L1 & L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE ELBOW FITTINGS WITH SWIVEL NUT-EWM

MALE STUD THREAD : Metric (Parallel with ED Sealing)

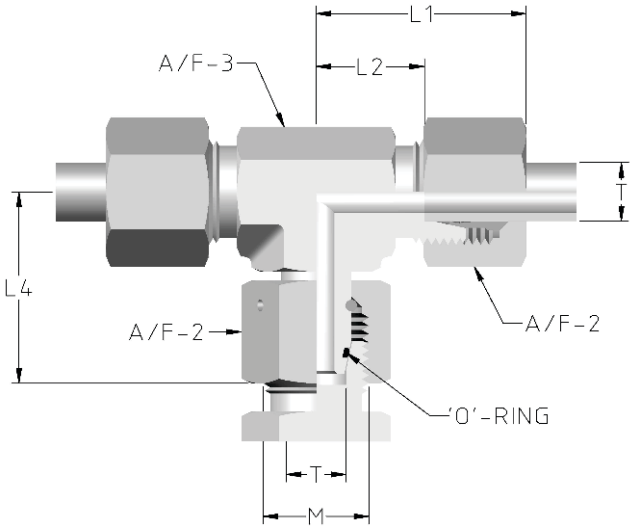


SERIES	TUBE O.D. (mm)	MALE STUD THREAD METRIC	Dimensions are in millimeters								DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	D1	L1	L2	L4	A/F1	A/F2	A/F3		
L-Light PN 315	6	M10x1	8	14	27	12	34.5	14	14	12	EWM-6L-10MED	0.53
	8	M12x1.5	12	17	29	14	37.5	17	17	12	EWM-8L-12MED	0.76
	10	M14x1.5	12	19	30	15	40	19	19	14	EWM-10L-14MED	1.00
	12	M16x1.5	12	22	32	17	42	22	22	17	EWM-12L-16MED	1.36
	15	M18x1.5	12	24	36	21	46.5	24	27	19	EWM-15L-18MED	2.16
	18	M22x1.5	14	27	40	23.5	50	27	32	24	EWM-18L-22MED	3.10
PN 160	22	M26x1.5	16	32	44	27.5	55	32	36	27	EWM-22L-26MED	4.29
	28	M33x2	18	41	47	30.5	59	41	41	36	EWM-28L-33MED	6.92
	35	M42x2	20	50	56	34.5	68.5	50	50	41	EWM-35L-42MED	9.68
	42	M48x2	22	55	63	40	75	55	60	50	EWM-42L-48MED	14.35
S-Heavy PN 630	6	M12x1.5	12	17	31	16	40	17	17	12	EWM-6S-12MED	0.91
	8	M14x1.5	12	19	32	17	42.5	19	19	14	EWM-8S-14MED	1.16
	10	M16x1.5	12	22	34	17.5	48	22	22	17	EWM-10S-16MED	1.67
	12	M18x1.5	12	24	38	21.5	48	24	24	19	EWM-12S-18MED	2.11
	14	M20x1.5	14	26	40	22	54	27	27	19	EWM-14S-20MED	2.86
PN 400	16	M22x1.5	14	27	43	24.5	55	27	30	24	EWM-16S-22MED	3.54
	20	M27x2	16	32	48	26.5	65	32	36	27	EWM-20S-27MED	5.53
	25	M33x2	18	40	54	30	73	41	46	36	EWM-25S-33MED	10.15
	30	M42x2	20	50	62	35.5	78.5	50	50	41	EWM-30S-42MED	13.86
PN 315	38	M48x2	22	55	72	41	89	55	60	50	EWM-38S-48MED	19.94

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EWM-6L-10MED/SSLV
- Dimension L1 & L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS WITH NUT-ET

(For Adaptions)

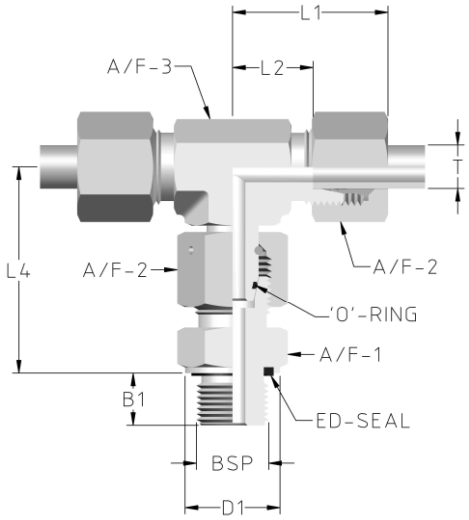


SERIES	TUBE O.D. (mm)	Thread	Dimensions are in millimeters					O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	M	L1	L2	L4	A/F2	A/F3			
L-Light PN 315	6	M12x1.5	27	12	26	14	12	4 x 1.5	ET-6L	0.58
	8	M14x1.5	29	14	27.5	17	12	6 x 1.5	ET-8L	0.79
	10	M16x1.5	30	15	29	19	14	7.5 x 1.5	ET-10L	1.01
	12	M18x1.5	32	17	29.5	22	17	9 x 1.5	ET-12L	1.35
	15	M22x1.5	36	21	32.5	27	19	12 x 2	ET-15L	2.33
	18	M26x1.5	40	23.5	35.5	32	24	15 x 2	ET-18L	3.32
PN 160	22	M30x2	44	27.5	38.5	36	27	20 x 2	ET-22L	4.46
	28	M36x2	47	30.5	41.5	41	36	26 x 2	ET-28L	7.02
	35	M45x2	56	34.5	51	50	41	32 x 2.5	ET-35L	9.61
	42	M52x2	63	40	56	60	50	38 x 2.5	ET-42L	14.61
S-Heavy PN 630	6	M14x1.5	31	16	27	17	12	4 x 1.5	ET-6S	0.87
	8	M16x1.5	32	17	27.5	19	14	6 x 1.5	ET-8S	1.18
	10	M18x1.5	34	17.5	30	22	17	7.5 x 1.5	ET-10S	1.63
	12	M20x1.5	38	21.5	31	24	19	9 x 1.5	ET-12S	2.06
	14	M22x1.5	40	22	35	27	19	10 x 2	ET-14S	2.81
PN 400	16	M24x1.5	43	24.5	36.5	30	24	12 x 2	ET-16S	3.73
	20	M30x2	48	26.5	44.5	36	27	16.3 x 2.4	ET-20S	5.68
	25	M36x2	54	30	50	46	36	20.3 x 2.4	ET-25S	10.79
	30	M42x2	62	35.5	55	50	41	25.3 x 2.4	ET-30S	13.63
PN 315	38	M52x2	72	41	63	60	50	33.3 x 2.4	ET-38S	20.36

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ET-6L/SSLV
- Dimension L1 & L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS WITH SWIVEL NUT-ETR

MALE STUD THREAD : BSP (Parallel with ED Sealing)

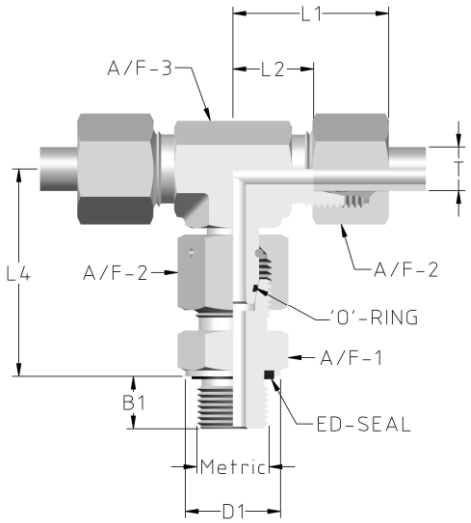


SERIES	TUBE O.D. (mm) T	MALE STUD THREAD BSP	Dimensions are in millimeters								DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	D1	L1	L2	L4	A/F1	A/F2	A/F3		
L-Light PN 315	6	1/8	8	14	27	12	34.5	14	14	12	ETR-6L-2GED	0.71
	8	1/4	12	19	29	14	37.5	19	17	12	ETR-8L-4GED	1.06
	10	1/4	12	19	30	15	40	19	19	14	ETR-10L-4GED	1.29
	12	3/8	12	22	32	17	42	22	22	17	ETR-12L-6GED	1.76
	15	1/2	14	27	36	21	46.5	27	27	19	ETR-15L-8GED	3.04
	18	1/2	14	27	40	23.5	50	27	32	24	ETR-18L-8GED	4.03
PN 160	22	3/4	16	32	44	27.5	55	32	36	27	ETR-22L-12GED	5.49
	28	1	18	40	47	30.5	59	41	41	36	ETR-28L-16GED	8.72
	35	1-1/4	20	50	56	34.5	68.5	50	50	41	ETR-35L-20GED	12.33
	42	1-1/2	22	55	63	40	75	55	60	50	ETR-42L-24GED	18.04
S-Heavy PN 630	6	1/4	12	19	31	16	40	19	17	12	ETR-6S-4GED	1.22
	8	1/4	12	19	32	17	42.5	19	19	14	ETR-8S-4GED	1.59
	10	3/8	12	22	34	17.5	45	22	22	17	ETR-10S-6GED	2.19
	12	3/8	12	22	38	21.5	48	22	24	19	ETR-12S-6GED	2.68
	14	1/2	14	27	40	22	54	27	27	19	ETR-14S-8GED	3.77
PN 400	16	1/2	14	27	43	24.5	55	27	30	24	ETR-16S-8GED	4.55
	20	3/4	16	32	48	26.5	65	32	36	27	ETR-20S-12GED	7.17
	25	1	18	40	54	30	73	41	46	36	ETR-25S-16GED	13.45
	30	1-1/4	20	50	62	35.5	78.5	50	50	41	ETR-30S-20GED	17.81
PN 315	38	1-1/2	22	55	72	41	89	55	60	50	ETR-38S-24GED	25.98

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ETR-6L-2GED/SSLV
- Dimension L1 & L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE TEE FITTINGS WITH SWIVEL NUT-ETM

MALE STUD THREAD : Metric (Parallel with ED Sealing)

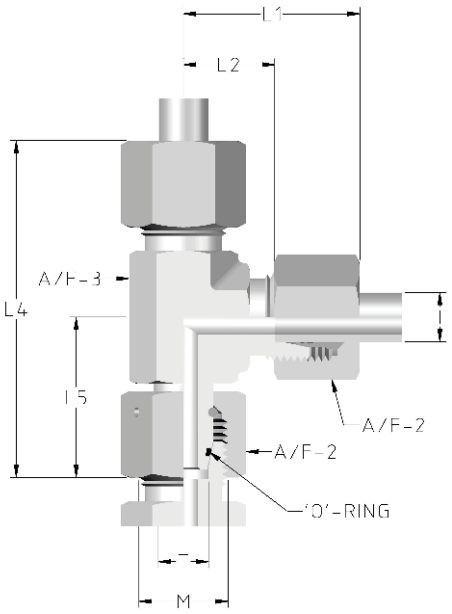


SERIES	TUBE O.D. (mm)	MALE STUD THREAD METRIC	Dimensions are in millimeters								DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T		B1	D1	L1	L2	L4	A/F1	A/F2	A/F3		
L-Light PN 315	6	M10x1	8	14	27	12	34.5	14	14	12	ETM-6L-10MED	0.72
	8	M12x1.5	12	17	29	14	37.5	17	17	12	ETM-8L-12MED	1.01
	10	M14x1.5	12	19	30	15	40	19	19	14	ETM-10L-14MED	1.3
	12	M16x1.5	12	22	32	17	42	22	22	17	ETM-12L-16MED	1.75
	15	M18x1.5	12	24	36	21	46.5	24	27	19	ETM-15L-18MED	2.83
	18	M22x1.5	14	27	40	23.5	50	27	32	24	ETM-18L-22MED	4.06
PN 160	22	M26x1.5	16	32	44	27.5	55	32	36	27	ETM-22L-26MED	5.49
	28	M33x2	18	41	47	30.5	59	41	41	36	ETM-28L-33MED	8.7
	35	M42x2	20	50	56	34.5	68.5	50	50	41	ETM-35L-42MED	12.42
	42	M48x2	22	55	63	40	75	55	60	50	ETM-42L-48MED	18.17
S-Heavy PN 630	6	M12x1.5	12	17	31	16	40	17	17	12	ETM-6S-12MED	1.16
	8	M14x1.5	12	19	32	17	42.5	19	19	14	ETM-8S-14MED	1.60
	10	M16x1.5	12	22	34	17.5	45	22	22	17	ETM-10S-16MED	2.17
	12	M18x1.5	12	24	38	21.5	48	24	24	19	ETM-12S-18MED	2.77
	14	M20x1.5	14	27	40	22	54	27	27	19	ETM-14S-20MED	3.74
PN 400	16	M22x1.5	14	27	43	24.5	55	27	30	24	ETM-16S-22MED	4.69
	20	M27x2	16	32	48	26.5	65	32	36	27	ETM-20S-27MED	7.18
	25	M33x2	18	40	54	30	73	41	46	36	ETM-25S-33MED	13.43
	30	M42x2	20	50	62	35.5	78.5	50	50	41	ETM-30S-42MED	17.85
PN 315	38	M48x2	22	55	72	41	89	55	60	50	ETM-38S-48MED	26.04

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ETM-6L-10MED/SSLV
- Dimension L& L4 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE BARREL TEE FITTINGS WITH SWIVEL NUT-EL

(For Adaptions)

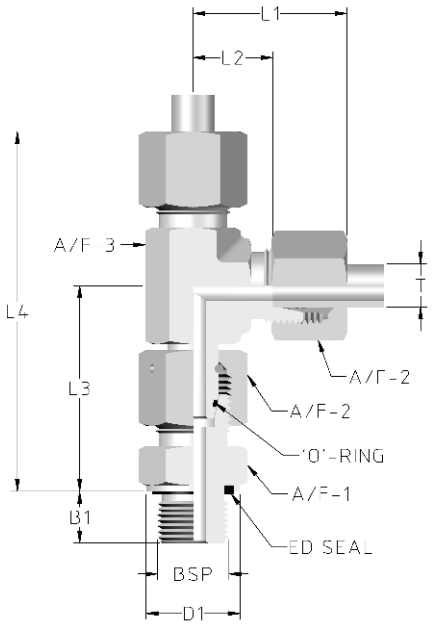


SERIES	TUBE O.D. (mm)	Thread	Dimensions are in millimeters						O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	M	L1	L2	L4	L5	A/F2	A/F3			
L-Light PN 315	6	M12x1.5	27	12	53	26	14	12	4 x 1.5	EL-6L	0.58
	8	M14x1.5	29	14	56	27.5	17	12	6 x 1.5	EL-8L	0.79
	10	M16x1.5	30	15	59	29	19	14	7.5 x 1.5	EL-10L	1.00
	12	M18x1.5	32	17	61	29.5	22	17	9 x 1.5	EL-12L	1.34
	15	M22x1.5	36	21	69	32.5	27	19	12 x 2	EL-15L	2.33
	18	M26x1.5	40	23.5	75	35.5	32	24	15 x 2	EL-18L	3.32
PN 160	22	M30x2	44	27.5	82	38.5	36	27	20 x 2	EL-22L	4.43
	28	M36x2	47	30.5	89	41.5	41	36	26 x 2	EL-28L	7.02
	35	M45x2	56	34.5	107	51	50	41	30 x 2.5	EL-35L	9.45
	42	M52x2	63	40	119	56	60	50	38 x 2.5	EL-42L	14.63
S-Heavy PN 630	6	M14x1.5	31	16	58	27	17	12	4 x 1.5	EL-6S	0.91
	8	M16x1.5	32	17	59	27.5	19	14	6 x 1.5	EL-8S	1.18
	10	M18x1.5	34	17.5	64	30	22	17	7.5 x 1.5	EL-10S	1.64
	12	M20x1.5	38	21.5	69	31	24	19	9 x 1.5	EL-12S	2.07
	14	M22x1.5	40	22	75	35	27	19	10 x 2	EL-14S	2.81
PN 400	16	M24x1.5	43	24.5	79	36.5	30	24	12 x 2	EL-16S	3.82
	20	M30x2	48	26.5	93	44.5	36	27	16.3 x 2.4	EL-20S	5.83
	25	M36x2	54	30	104	50	46	36	20.3 x 2.4	EL-25S	1.078
	30	M42x2	62	35.5	117	55	50	41	25.3 x 2.4	EL-30S	13.80
PN 315	38	M52x2	72	41	135	63	60	50	33.3 x 2.4	EL-38S	20.51

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : EL-6L/SSLV
- Dimension L1, L4 & L5 are approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

ADJUSTABLE BARREL TEE FITTINGS WITH SWIVEL NUT-ETR

MALE STUD THREAD : BSP (Parallel with ED Sealing)

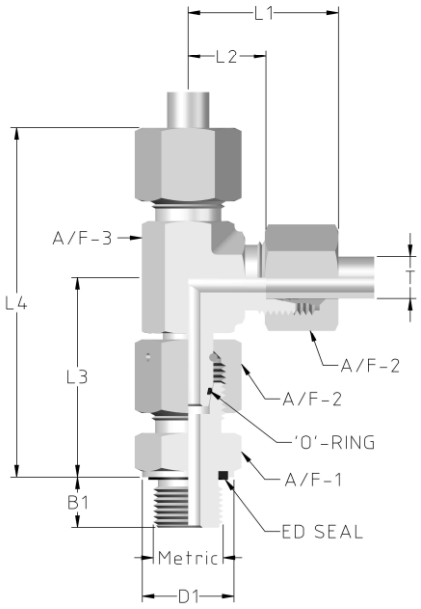


SERIES	TUBE O.D. (mm)	MALE STUD THREAD	Dimensions are in millimeters									DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	BSP	B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3		
L-Light PN 315	6	1/8	8	14	27	12	61	34.5	14	14	12	ETR-6L-2GED	0.71
	8	1/4	12	19	29	14	66	37.5	19	17	12	ETR-8L-4GED	1.06
	10	1/4	12	19	30	15	70	40	19	19	14	ETR-10L-4GED	1.27
	12	3/8	12	22	32	17	74	42	22	22	17	ETR-12L-6GED	1.75
	15	1/2	14	27	36	21	82	46.5	27	27	19	ETR-15L-8GED	2.83
	18	1/2	14	27	40	23.5	90	50	27	32	24	ETR-18L-8GED	4.03
PN 160	22	3/4	16	32	44	27.5	99	55	32	36	27	ETR-22L-12GED	5.46
	28	1	18	41	47	30.5	106	59	41	41	36	ETR-28L-16GED	8.72
	35	1-1/4	20	50	56	34.5	125	68.5	50	50	41	ETR-35L-20GED	12.16
	42	1-1/2	22	55	63	40	138	75	55	60	50	ETR-42L-24GED	18.06
S-Heavy PN 630	6	1/4	12	19	31	16	71	40	19	17	12	ETR-6S-4GED	1.26
	8	1/4	12	19	32	17	74	42.5	19	19	14	ETR-8S-4GED	1.59
	10	3/8	12	22	34	17.5	79	45	22	22	17	ETR-10S-6GED	2.19
	12	3/8	12	22	38	21.5	86	48	22	24	19	ETR-12S-6GED	2.70
	14	1/2	14	27	40	22	94	54	27	27	19	ETR-14S-8GED	3.77
PN 400	16	1/2	14	27	43	24.5	98	55	27	30	24	ETR-16S-8GED	4.74
	20	3/4	16	32	48	26.5	113	65	32	36	27	ETR-20S-12GED	7.32
	25	1	18	40	54	30	127	73	41	46	36	ETR-25S-16GED	13.44
	30	1-1/4	20	50	62	35.5	141	78.5	50	50	41	ETR-30S-20GED	17.99
PN 315	38	1-1/2	22	55	72	41	161	89	55	60	50	ETR-38S-24GED	26.14

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ETR-6L-2GED/SSLV
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

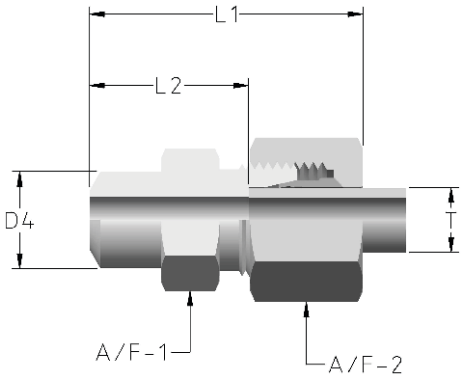
ADJUSTABLE BARREL TEE FITTINGS WITH SWIVEL NUT-ELM

MALE STUD THREAD : Metric (Parallel with ED Sealing)



SERIES	TUBE O.D. (mm)	MALE STUD THREAD METRIC	Dimensions are in millimeters									DAWSONS-TECH PART NO.	APPROX. WT. Kg per 100 pcs.
	T		B1	D1	L1	L2	L4	L5	A/F1	A/F2	A/F3		
L-Light PN 315	6	M10x1	8	14	27	12	61	34.5	14	14	12	ELM-6L-10MED	0.71
	8	M12x1.5	12	17	29	14	66	37.5	17	17	12	ELM-8L-12MED	1.00
	10	M14x1.5	12	19	30	15	70	40	19	19	14	ELM-10L-14MED	1.27
	12	M16x1.5	12	22	32	17	74	42	22	22	17	ELM-12L-16MED	1.74
	15	M18x1.5	12	24	36	21	83	46.5	24	27	19	ELM-15L-18MED	3.04
	18	M22x1.5	14	27	40	23.5	90	50	27	32	24	ELM-18L-22MED	4.06
PN 160	22	M26x1.5	16	32	44	27.5	99	55	32	36	27	ELM-22L-26MED	5.46
	28	M33x2	18	41	47	30.5	106	59	41	41	36	ELM-28L-33MED	8.70
	35	M42x2	20	50	56	34.5	125	68.5	50	50	41	ELM-35L-42MED	12.16
	42	M48x2	22	55	63	40	138	75	55	60	50	ELM-42L-48MED	18.19
S-Heavy PN 630	6	M12x1.5	12	17	31	16	71	40	17	17	12	ELM-6S-12MED	1.20
	8	M14x1.5	12	19	32	17	74	42.5	19	19	14	ELM-8S-14MED	1.60
	10	M16x1.5	12	22	34	17.5	79	45	22	22	17	ELM-10S-16MED	2.19
	12	M18x1.5	12	24	38	21.5	86	48	24	24	19	ELM-12S-18MED	2.78
	14	M20x1.5	14	27	40	22	94	54	27	27	19	ELM-14S-20MED	3.74
PN 400	16	M22x1.5	14	27	43	24.5	98	55	27	30	24	ELM-16S-22MED	4.78
	20	M27x2	16	32	48	26.5	113	65	32	36	27	ELM-20S-27MED	7.33
	25	M33x2	18	40	54	30	127	73	41	46	36	ELM-25S-33MED	13.42
	30	M42x2	20	50	62	35.5	141	78.5	50	50	41	ELM-30S-42MED	18.03
PN 315	38	M48x2	22	55	72	41	161	89	55	60	50	ELM-38S-48MED	26.20

- ED Seal/O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ELM-6L-10MED/SSLV
- Dimension L1, L4 & L5 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

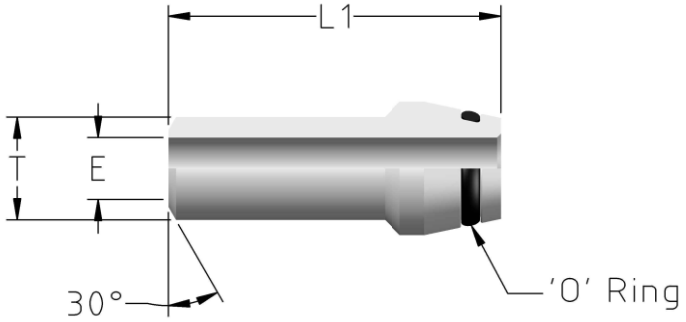


SERIES	TUBE O.D. (mm)	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	D4	L1	L2	A/F1	A/F2		
L-Light PN 315	6	10	29	14	12	14	AS-6L	0.22
	8	12	31	16	14	17	AS-8L	0.31
	10	14	33	18	17	19	AS-10L	0.42
	12	16	33	18	19	22	AS-12L	0.54
	15	19	37	22	22	27	AS-15L	0.88
	18	22	40	23.5	27	32	AS-18L	1.30
PN160	22	27	45	28.5	32	36	AS-22L	1.84
	28	32	47	30.5	41	41	AS-28L	2.65
	35	40	54	32.5	46	50	AS-35L	3.86
	42	46	58	35	55	60	AS-42L	5.60
S-Heavy PN 630	6	11	34	19	14	17	AS-6S	0.39
	8	13	36	21	17	19	AS-8S	0.53
	10	15	39	22.5	19	22	AS-10S	0.73
	12	17	41	24.5	22	24	AS-12S	0.92
	14	19	45	27	24	27	AS-14S	1.24
PN 400	16	21	45	26.5	27	30	AS-16S	1.51
	20	26	51	29.5	32	36	AS-20S	2.41
	25	31	56	32	41	46	AS-25S	2.41
	30	36	62	35.5	46	50	AS-30S	4.38
PN 315	38	44	69	38	55	60	AS-38S	7.89

- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

WELD NIPPLES-SKA

SERIES : S-Heavy

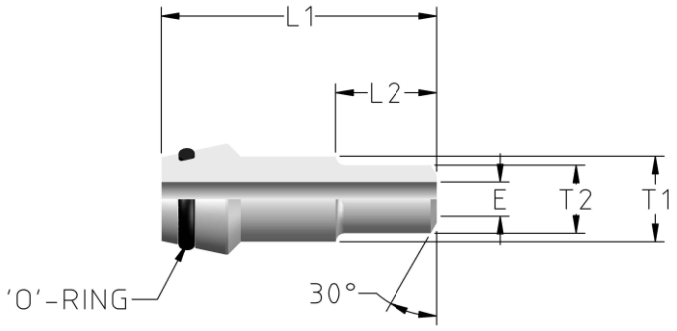


SERIES S-HEAVY MAX. PRESSURE PN	TUBE O.D. (mm) T	SEAMLESS STEEL ST.35.4NBK	Dimensions are in millimeters E	L1	O-RINGS	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
249	10	10 x 1	8	32.5	7.5 x 1.5	SKA-10-8	0.10
358	10	10 x 1.5	7	32.5	7.5 x 1.5	SKA-10-7	0.13
460	10	10 x 2	6	32.5	7.5 x 1.5	SKA-10-6	0.15
305	12	12 x 1.5	9	32.5	9 x 1.5	SKA-12-9	0.15
393	12	12 x 2	8	32.5	9 x 1.5	SKA-12-8	10.9
476	12	12 x 2.5	7	32.5	9 x 1.5	SKA-12-7	0.22
234	16	16 x 1.5	13	39	12 x 2	SKA-16-13	0.27
305	16	16 x 2	12	39	12 x 2	SKA-16-12	0.31
372	16	16 x 2.5	11	39	12 x 2	SKA-16-11	0.36
435	16	16 x 3	10	39	12 x 2	SKA-16-10	0.41
249	20	20 x 2	16	45	16.3 x 2.4	SKA-20-16	0.54
305	20	20 x 2.5	15	45	16.3 x 2.4	SKA-20-15	0.57
358	20	20 x 3	14	45	16.3 x 2.4	SKA-20-14	0.62
460	20	20 x 4	12	45	16.3 x 2.4	SKA-20-12	0.78
294	25	25 x 3	19	49.5	20.3 x 2.4	SKA-25-19	0.89
379	25	25 x 4	17	49.5	20.3 x 2.4	SKA-25-17	1.11
460	25	25 x 5	15	49.5	20.3 x 2.4	SKA-25-15	1.25
249	30	30 x 3	24	52	25.3 x 2.4	SKA-30-24	1.35
323	30	30 x 4	22	52	25.3 x 2.4	SKA-30-22	1.40
393	30	30 x 5	20	52	25.3 x 2.4	SKA-30-26	1.66
460	30	30 x 6	18	52	25.3 x 2.4	SKA-30-18	1.71
261	38	38 x 4	30	56.5	33.3 x 2.4	SKA-38-30	1.95
319	38	38 x 5	28	56.5	33.3 x 2.4	SKA-38-28	2.36
375	38	38 x 6	26	56.5	33.3 x 2.4	SKA-38-26	2.70
429	38	38 x 7	24	56.5	33.3 x 2.4	SKA-38-24	2.86

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : SKA-10-8/SSLV
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

SPECIAL WELD NIPPLES (REDUCER) - SKAR

SERIES : S-Heavy

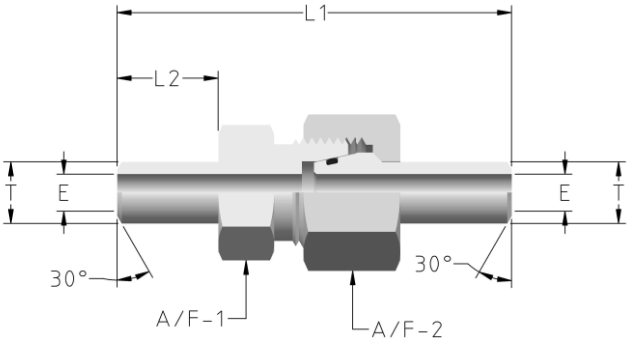


SERIES S-HEAVY MAX. PRESSURE PN	TUBE O.D. (mm)		Dimensions are in millimeters			O-RINGS	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T1	T2	E	L1	L2			
528	10	6	3	32.5	12	7.5 x 1.5	SKAR-10-6	0.15
528	10	8	4	32.5	12	7.5 x 1.5	SKAR-10-8	0.17
528	12	8	4	32.5	14	9 x 1.5	SKAR-12-8	0.20
358	12	10	7	32.5	14	9 x 1.5	SKAR-12-10	0.18
476	16	12	7	39	15	12 x 2	SKAR-16-12	0.43
476	20	12	7	45	17	16.3 x 2.4	SKAR-20-12	0.80
435	20	16	10	45	17	16.3 x 2.4	SKAR-20-16	0.78
435	25	16	10	49.5	20	20.3 x 2.4	SKAR-25-16	1.23
460	25	20	12	49.5	20	20.3 x 2.4	SKAR-25-20	1.24
305	30	16	12	52	22	25.3 x 2.4	SKAR-30-16	1.65
305	30	20	15	52	22	25.3 x 2.4	SKAR-30-20	1.59
294	30	25	19	52	22	25.3 x 2.4	SKAR-30-25	1.44
305	38	16	12	56.5	26	33.3 x 2.4	SKAR-38-16	2.79
305	38	20	15	56.5	26	33.3 x 2.4	SKAR-38-20	2.78
294	38	25	19	56.5	26	33.3 x 2.4	SKAR-38-25	2.62
323	38	30	22	56.5	26	33.3 x 2.4	SKAR-38-30	2.52

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : SKAR-10-6/SSLV
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

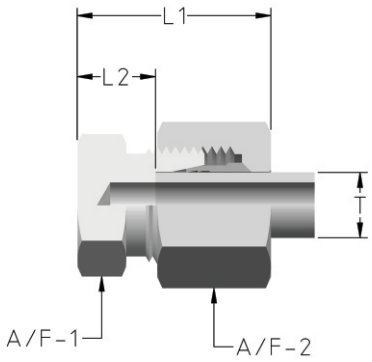
WELD FITTING - ASK

SERIES : S-Heavy



SERIES S-HEAVY MAX. PRESSURE PN	TUBE O.D. (mm) T	SEAMLESS STEEL ST. 35.4 NBK	Dimensions are in millimeters					DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			E	L1	L2	A/F1	A/F2		
249	10	10 x 1	8	58	10	19	22	ASK-10-8	0.56
358	10	10 x 1.5	7	58	10	19	22	ASK-10-7	0.73
460	10	10 x 2	6	58	10	19	22	ASK-10-6	0.85
305	12	12 x 1.5	9	63	15	22	24	ASK-12-9	0.74
393	12	12 x 2	8	63	15	22	24	ASK-12-8	0.93
476	12	12 x 2.5	7	63	15	22	24	ASK-12-7	1.08
234	16	6 x 1.5	13	73.5	16.5	27	30	ASK-16-13	1.24
305	16	16 x 2	12	73.5	16.5	27	30	ASK-16-12	1.43
372	16	16 x 2.5	11	73.5	16.5	27	30	ASK-16-11	1.66
400	16	16 x 3	10	73.5	16.5	27	30	ASK-16-10	1.91
249	20	20 x 2	16	83.5	19	32	36	ASK-20-16	2.27
305	20	20 x 2.5	15	83.5	19	32	36	ASK-20-15	2.39
358	20	20 x 3	14	83.5	19	32	36	ASK-20-14	2.61
400	20	20 x 4	12	83.5	19	32	36	ASK-20-12	3.23
294	25	25 x 3	19	92.5	19.5	41	46	ASK-25-19	4.18
379	25	25 x 4	17	92.5	19.5	41	46	ASK-25-17	5.55
400	25	25 x 5	15	92.5	19.5	41	46	ASK-25-15	5.85
249	30	30 x 3	24	101.5	23	46	50	ASK-30-24	5.94
323	30	30 x 4	22	101.5	23	46	50	ASK-30-22	6.85
393	30	30 x 5	20	101.5	23	46	50	ASK-30-20	7.33
400	30	30 x 6	18	101.5	23	46	50	ASK-30-18	7.53
261	38	38 x 4	30	108	22	55	60	ASK-38-30	8.20
315	38	38 x 5	28	108	22	55	60	ASK-38-28	10.45
315	38	38 x 6	26	108	22	55	60	ASK-38-26	11.10
315	38	38 x 7	24	108	22	55	60	ASK-38-24	12.01

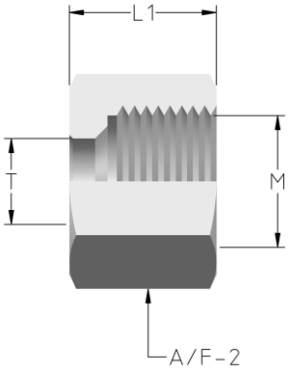
- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : ASK-10-6/SSLV
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Weld Nipple and Body.
- Only body without Nut and Weld Nipple are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



SERIES	TUBE O.D. (mm)	Dimensions are in millimeters				DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	T	L1	L2	A/F1	A/F2		
L Light PN315	6	22	7	12	14	ROV-6L	0.19
	8	23	8	14	17	ROV-8L	0.28
	10	24	9	17	19	ROV-10L	0.37
	12	25	10	19	22	ROV-12L	0.5
	15	26	11	24	27	ROV-15L	0.82
	18	28	11.5	27	32	ROV-18L	1.19
PN160	22	30	13.5	32	36	ROV-22L	1.63
	28	31	14.5	41	41	ROV-28L	2.24
	35	36	14.5	46	50	ROV-35L	3.49
	42	39	16	55	60	ROV-42L	5.19
S Heavy PN630	6	26	11	14	17	ROV-6S	0.35
	8	28	13	17	19	ROV-8S	0.48
	10	29	12.5	19	22	ROV-10S	0.65
	12	31	14.5	22	24	ROV-12S	0.84
	14	34	16	24	27	ROV-14S	1.13
PN400	16	34	15.5	27	30	ROV-16S	1.38
	20	39	17.5	32	36	ROV-20S	2.27
	25	44	20	41	46	ROV-25S	4.32
	30	47	20.5	46	50	ROV-30S	5.2
PN315	38	54	23	55	60	ROV-38S	8.09

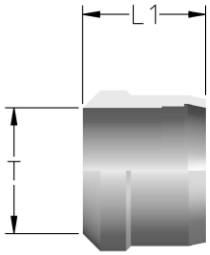
- Dimension L1 is approximate length with tightened nut.
- The above part numbers are for complete fittings including Nut, Cutting Ring and Body.
- Only body without Nut and Cutting Ring are available on request.
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

NUT - M



SERIES	TUBE O.D. (mm) T	Thread M	Dimensions are in millimeters L1	A/F2	PART NO. NUT	APPROX. WT. Kg per 10 pcs.
L Light	6	M 12x1.5	15	14	M-6L	0.09
	8	M 14x1.5	15	17	M-8L	0.14
	10	M 16x1.5	16	19	M-10L	0.17
	12	M 18x1.5	16	22	M-12L	0.24
	15	M 22x1.5	17.5	27	M-15L	0.40
	18	M 26x1.5	18	32	M-18L	0.58
	22	M 30x2	20.5	36	M-22L	0.79
	28	M 36x2	21	41	M-28L	0.91
	35	M 45x2	24	50	M-35L	1.35
	42	M 52x2	24	60	M-42L	2.16
S Heavy	6	M 14x1.5	16	17	M-6S	0.16
	8	M 16x1.5	16	19	M-8S	0.16
	10	M 18x1.5	17.5	22	M-10S	0.29
	12	M 20x1.5	18	24	M-12S	0.33
	14	M 22x1.5	20	27	M-14S	0.50
	16	M 24x1.5	21	30	M-16S	0.64
	20	M 30x2	24	36	M-20S	1.0
	25	M 36x2	26.5	46	M-25S	2.06
	30	M 42x2	29.5	50	M-30S	2.23
	38	M 52x2	32.5	60	M-38S	3.2

CUTTING TING - DPR



SERIES	TUBE O.D. (mm) T	Dimensions are in millimeters L1	PART NO. BITERING	APPROX. WT. Kg per 10 pcs.
L Light	6	9.5	DPR-6LS	0.02
	8	9.5	DPR-8LS	0.02
	10	10	DPR-10LS	0.03
	12	10	DPR-12LS	0.03
	15	10	DPR-15L	0.04
	18	10	DPR-18L	0.06
	22	10.5	DPR-22L	0.07
	28	10.5	DPR-28L	0.09
	35	13.5	DPR-35L	0.19
	42	13.5	DPR-42L	0.22
S Heavy	6	9.5	DPR-6LS	0.02
	8	9.5	DPR-8LS	0.02
	10	10	DPR-10LS	0.03
	12	10	DPR-12LS	0.03
	14	10	DPR-14S	0.04
	16	10.5	DPR-16S	0.06
	20	12.5	DPR-20S	0.11
	25	12.5	DPR-25S	0.13
	30	13	DPR-30S	0.18
	38	13.5	DPR-38S	0.22

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING THREAD ADAPTORS-RI

MALE AND FEMALE THREAD : BSP (Parallel)

MALE STUD THREAD : with cutting face to DIN 3852 form B

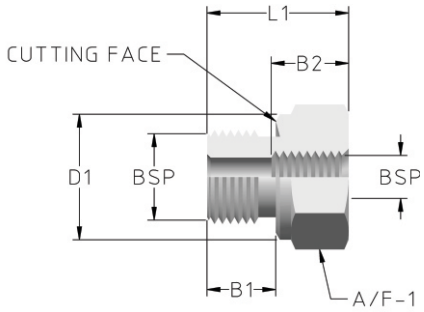


Fig. A

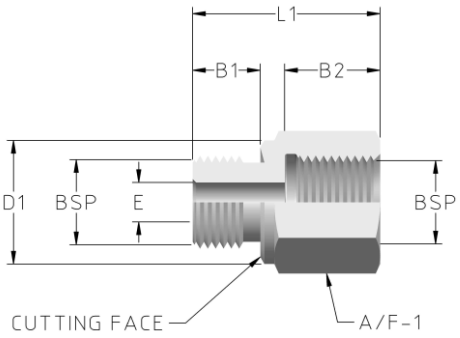


Fig. B

PN	MALE STUD THREAD BSP	FEMALE THREAD BSP	Dimensions are in millimeters						Fig.	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	B2	D1	E	L1	A/F2			
630	1/8	1/4	8	17	14	4	31	19	B	RI-2RP-4RG	0.39
630	1/8	3/8	8	17	14	4	32	24	B	RI-2RP-6RG	0.63
630	1/4	1/8	12	12	18	5	28	19	B	RI-4RP-2RG	0.38
630	1/4	3/8	12	17	18	5	36	24	B	RI-4RP-6RG	0.67
630	1/4	1/2	12	20	18	5	40	30	B	RI-4RP-8RG	1.16
400	1/4	3/4	12	22	18	5	43	36	B	RI-4RP-12RG	1.70
630	3/8	1/8	12	8	22	-	22.5	22	A	RI-6RP-2RG	0.39
630	3/8	1/4	12	17	22	8	36	22	B	RI-6RP-4RG	0.68
630	3/8	1/2	12	20	22	8	41	30	B	RI-6RP-8RG	1.25
400	3/8	3/4	12	22	22	8	44	36	B	RI-6RP-12RG	1.83
630	1/2	1/8	14	8	26	-	24	27	A	RI-8RP-2RG	0.66
400	1/2	1/4	14	12	26	-	24	27	A	RI-8RP-4RG	0.56
400	1/2	3/8	14	17	26	12	37	27	B	RI-8RP-6RG	0.91
400	1/2	3/4	14	22	26	12	46	36	B	RI-8RP-12RG	1.82
400	1/2	1	14	24.5	26	12	49	41	B	RI-8RP-16RG	2.21
250	1/2	1-1/4	14	26.5	26	12	53	55	B	RI-8RP-20RG	4.82
400	3/4	1/4	16	12	32	-	26	32	A	RI-12RP-4RG	1.03
400	3/4	3/8	16	12	32	-	26	32	A	RI-12RP-6RG	8.70
400	3/4	1/2	16	20	32	16	43	32	B	RI-12RP-8RG	1.43
400	3/4	1	16	24.5	32	16	51	41	B	RI-12RP-16RG	2.35
250	3/4	1-1/4	16	26.5	32	16	55	55	B	RI-12RP-20RG	4.81
250	3/4	1-1/2	16	28.5	32	16	57	60	B	RI-12RP-24RG	5.60
400	1	1/4	18	12	39	-	29	41	A	RI-16RP-4RG	1.95
400	1	3/8	18	12	39	-	29	41	A	RI-16RP-6RG	1.79
400	1	1/2	18	14	39	-	29	41	A	RI-16RP-8RG	1.57
400	1	3/4	18	22	39	20	49	41	B	RI-16RP-12RG	2.68
250	1	1-1/4	18	26.5	39	20	57	55	B	RI-16RP-20RG	5.03
250	1	1-1/2	18	28.5	39	20	59	60	B	RI-16RP-24RG	5.85
250	1-1/4	1/2	20	14	49	-	32	50	A	RI-20RP-8RG	3.08
250	1-1/4	3/4	20	16	49	-	32	50	A	RI-20RP-12RG	2.66
250	1-1/4	1	20	24.5	49	25	52	50	B	RI-20RP-16RG	4.58
250	1-1/4	1-1/2	20	28.5	49	25	60	60	B	RI-20RP-24RG	6.16
250	1-1/2	1/2	22	14	55	-	36	55	A	RI-24RP-8RG	4.70
250	1-1/2	3/4	22	16	55	-	36	55	A	RI-24RP-12RG	4.02
250	1-1/2	1	22	18	55	-	36	55	A	RI-24RP-16RG	3.37
250	1-1/2	1-1/4	22	26.5	55	32	58	55	B	RI-24RP-20RG	5.42

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

REDUCING THREAD ADAPTORS-RI

MALE AND FEMALE THREAD : BSP (Parallel)

MALE STUD THREAD : with ED sealing

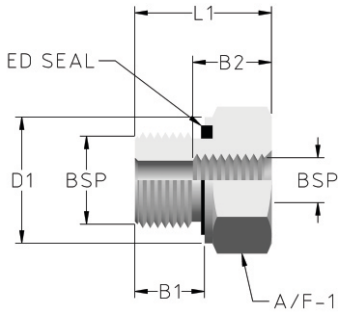


Fig. A

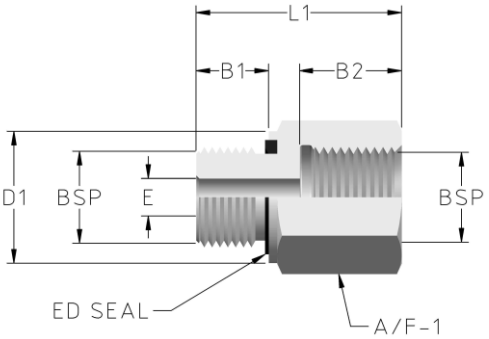
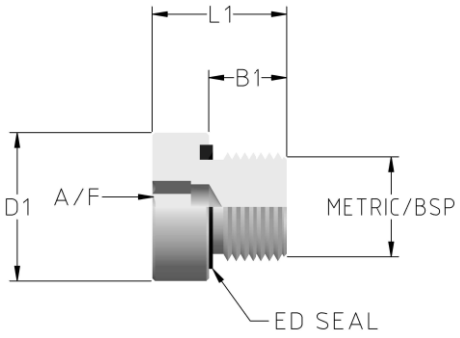


Fig. B

PN	MALE STUD THREAD BSP	FEMALE THREAD BSP	Dimensions are in millimeters						FIG.	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
			B1	B2	D1	E	L1	A/F1			
630	1/8	1/4	8	17	14	4	31	19	B	RI-2GED-4RG	0.39
630	1/8	3/8	8	17	14	4	32	24	B	RI-2GED-6RG	0.63
630	1/4	1/8	12	12	19	5	29	19	B	RI-4GED-2RG	0.38
630	1/4	3/8	12	17	19	5	36	24	B	RI-4GED-6RG	0.67
630	1/4	1/2	12	20	19	5	40	30	B	RI-4GED-8RG	1.16
630	1/4	3/4	12	22	19	5	43	36	B	RI-4GED-12RG	1.70
630	3/8	1/8	12	8	22	-	22.5	22	A	RI-6GED-2RG	0.39
630	3/8	1/4	12	17	22	8	36	22	B	RI-6GED-4RG	0.68
630	3/8	1/2	12	20	22	8	41	30	B	RI-6GED-8RG	1.25
400	3/8	3/4	12	22	22	8	44	36	B	RI-6GED-12RG	1.83
630	1/2	1/8	14	8	27	-	24	27	A	RI-8GED-2RG	0.66
630	1/2	1/4	14	12	27	-	24	27	A	RI-8GED-4RG	0.56
630	1/2	3/8	14	17	27	12	37	27	B	RI-8GED-6RG	0.91
400	1/2	3/4	14	22	27	12	46	36	B	RI-8GED-12RG	1.82
400	1/2	1	14	24.5	27	12	49	41	B	RI-8GED-16RG	2.21
400	1/2	1-1/4	14	26.5	27	12	53	55	B	RI-8GED-20RG	4.82
400	3/4	1/4	16	12	32	-	26	32	A	RI-12GED-4RG	1.03
400	3/4	3/8	16	12	32	-	26	32	A	RI-12GED-6RG	0.87
400	3/4	1/2	16	20	32	16	43	32	B	RI-12GED-8RG	1.43
400	3/4	1	16	24.5	32	16	51	41	B	RI-12GED-16RG	2.35
400	3/4	1-1/4	16	26.5	32	16	55	55	B	RI-12GED-20RG	4.81
315	3/4	1-1/2	16	28.5	32	16	57	60	B	RI-12GED-24RG	5.60
400	1	1/4	18	12	40	-	29	41	A	RI-16GED-4RG	1.95
400	1	3/8	18	12	40	-	29	41	A	RI-16GED-6RG	1.79
400	1	1/2	18	14	40	-	29	41	A	RI-16GED-8RG	1.57
400	1	3/4	18	22	40	20	49	41	B	RI-16GED-12RG	2.68
400	1	1-1/4	18	26.5	40	20	57	55	B	RI-16GED-20RG	5.03
315	1	1-1/2	18	28.5	40	20	59	60	B	RI-16GED-24RG	5.85
400	1-1/4	1/2	20	14	50	-	32	50	A	RI-20GED-8RG	3.08
400	1-1/4	3/4	20	16	50	-	32	50	A	RI-20GED-12RG	2.66
400	1-1/4	1	20	24.5	50	25	53	50	B	RI-20GED-16RG	4.58
315	1-1/4	1-1/2	20	28.5	50	25	60	60	B	RI-20GED-24RG	6.16
315	1-1/2	1/2	22	14	55	-	36	55	A	RI-24GED-8RG	4.70
315	1-1/2	3/4	22	16	55	-	36	55	A	RI-24GED-12RG	4.02
315	1-1/2	1	22	18	55	-	36	55	A	RI-24GED-16RG	3.37
315	1-1/2	1-1/4	22	26.5	55	32	58	55	B	RI-24GED-20RG	5.42

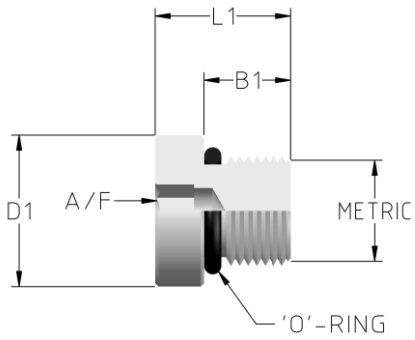
- ED Seal : Buna-N is Standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example : RI-2GED-4RG/SSLV
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



MAX. PRESSURE	THREAD METRIC	THREAD BSP	Dimensions are in millimeters				DAWSONS-TECH PART NO. METRIC	APPROX. WT. Kg per 10 pcs.	DAWSONS-TECH PART NO. BSP	APPROX. WT. Kg per 10 pcs.
			B1	D1	L1	A/F				
PN400	M 10x1	1/8	8	14	12	5	VSTI-10MED	0.07	VSTI-2GED	0.07
	M 12x1.5	—	12	17	17	6	VSTI-12MED	0.14	—	—
	M 14x1.5	1/4	12	19	17	6	VSTI-14MED	0.20	VSTI-4GED	0.18
	M 16x1.5	3/8	12	22	17	8	VSTI-16MED	0.25	VSTI-6GED	0.27
	M 18x1.5	—	12	24	17	8	VSTI-18MED	0.32	—	—
	M 20x1.5	—	14	26	19	10	VSTI-20MED	0.42	—	—
	M 22x1.5	1/2	14	27	19	10	VSTI-22MED	0.51	VSTI-8GED	0.45
	M 26x1.5	—	16	32	21	12	VSTI-26MED	0.78	—	—
	M 27x2	3/4	16	32	21	12	VSTI-27MED	0.79	VSTI-12GED	0.71
	M 33x2	1	16	40	22.5	17	VSTI-33MED	1.30	VSTI-16GED	1.33
PN250	M 42x2	1-1/4	16	50	22.5	22	VSTI-42MED	1.98	VSTI-20GED	2.01
	M 48x2	1-1/2	16	55	22.5	24	VSTI-48MED	2.63	VSTI-24GED	2.59

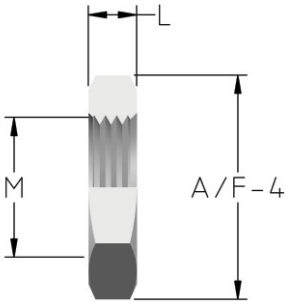
- ED Seal : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :VSTI-2GED/SSLV
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

BLANKING PLUGS FOR PORT TAPPING - VSTI
(accord. to SO 6149/DIN 3582-T3)



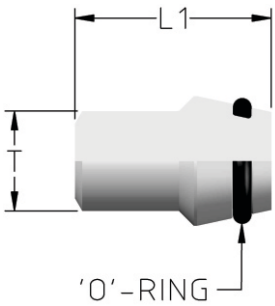
MAX. PRESSURE	THREAD METRIC	Dimensions are in millimeters				O-RING	DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
		B1	D1	L1	A/F			
PN 630	M10x1	10	13	14	5	8.2x1.5	VSTI-10MOR	0.07
	M12x1.5	11.5	17	16.5	6	9.4x2.1	VSTI-12MOR	0.14
	M14x1.5	11.5	19	16.5	6	11.4x2.1	VSTI-14MOR	0.20
	M16x1.5	13	21	18	8	13.4x2.1	VSTI-16MOR	0.25
	M18x1.5	14.5	23	19.5	8	15.4x2.1	VSTI-18MOR	0.31
PN400	M22x1.5	15.5	27	20.5	10	19.4x2.1	VSTI-22MOR	0.50
	M26x1.5	16	31	21	12	22.7x2.8	VSTI-26MOR	0.76
	M27x2	19	32	24	12	23.7x2.8	VSTI-27MOR	0.77
	M33x2	19	38	25.5	17	29.7x2.8	VSTI-33MOR	1.27
	M42x2	19.5	48	26	22	38.7x2.8	VSTI-42MOR	1.94

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :VSTI-10MOR/SSLV
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.



SERIES/TUBE O.D. (mm)		Thread M	Dimensions are in millimeters		DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
L	S		L	A/F4		
6	-	M12x1.5	6	17	GM-6L	0.07
8	6	M14x1.5	6	19	GM-8L/6-S	0.08
10	8	M16x1.5	6	22	GM-10L/8-S	0.11
12	10	M18x1.5	6	24	GM-12L/10-S	0.12
-	12	M20x1.5	6	27	GM-12L	0.15
15	14	M22x1.5	7	30	GM-15L/14S	0.22
-	16	M24x1.5	7	32	GM-16S	0.24
18	-	M26x1.5	8	36	GM-18L	0.37
22	20	M30x2	8	41	GM-22L/20S	0.46
28	25	M36x2	9	46	GM-28L/25S	0.60
-	30	M42x2	9	50	GM-30S	0.58
35	-	M45x2	9	55	GM-35L	0.75
42	38	M52x2	10	65	GM-42L/38S	1.23

BLANKING PLUG TO FIT CONES-VKA



SERIES	TUBE O.D (mm)	Dimensions are in millimeters	O-RING	SEALEXCEL PART NO.	APPROX. WT. Kg per 10 pcs.
	T	L1			
L Light PN315	6	18.5	4x1.5	VKA-6L	0.06
	8	18.5	6x1.5	VKA-8L	0.09
	10	20	7.5x1.5	VKA-10L	0.14
	12	20.5	9x1.5	VKA-12L	0.19
	15	20.5	12x2	VKA-15L	0.31
	18	22.5	15x2	VKA-18L	0.62
PN160	22	25	20x2	VKA-22L	0.99
	28	25.5	26x2	VKA-28L	1.51
	35	30	32x2.5	VKA-35L	2.52
	42	30	38x2.5	VKA-42L	3.59
S heavy PN630	6	18.5	4x1.5	VKA-6S	0.06
	8	18.5	6x1.5	VKA-8S	0.09
	10	20	7.5x1.5	VKA-10S	0.14
	12	20.5	9x1.5	VKA-12S	0.19
	14	22.5	10x2	VKA-14S	0.26
PN400	16	23.5	12x2	VKA-16S	0.46
	20	28.5	16.3x2.4	VKA-20S	0.77
	25	29	20.3x2.4	VKA-25S	1.19
	30	30.5	25.3x2.4	VKA-30S	1.79
PN315	38	33	33.3x2.4	VKA-38S	3.08

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :VKA-6L/SSLV
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
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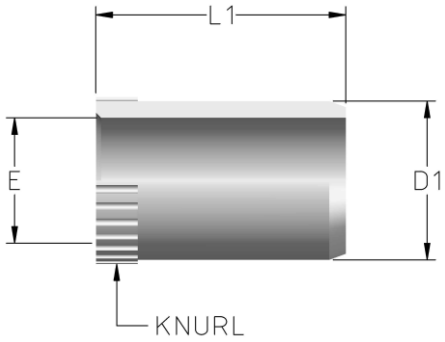

TUBE I.D.	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	E	L1		
4	3.8	2.6	14	VH-4	0.01
4.5	4.3	3.1	14	VH-4.5	0.01
5	4.8	3.6	14	VH-5	0.01
6	5.8	4.6	14	VH-6	0.01
6.5	6.3	5.1	14	VH-6.5	0.01
7	6.8	5.6	15.5	VH-7	0.02
8	7.8	6.6	15.5	VH-8	0.02
9	8.8	7.6	15.5	VH-9	0.02
10	9.8	8.6	15.5	VH-10	0.02
10.5	10.3	9.1	15.5	VH-10.5	0.02
11	10.8	9.6	15.5	VH-11	0.03
12	11.8	10.2	17	VH-12	0.04
13	12.8	11.2	17	VH-13	0.03
14	13.8	12.2	17	VH-14	0.05
15	14.8	13.2	20	VH-15	0.05
16	15.8	14.2	20	VH-16	0.06
17	16.8	15.2	20	VH-17	0.07
18	17.8	16.2	20	VH-18	0.07
19	18.8	17.2	16	VH-19	0.06
20	19.8	18.2	21.5	VH-20	0.10
21	20.8	19.2	21.5	VH-21	0.10
22	21.8	20.2	23.5	VH-22	0.12
23	22.8	21.2	23.5	VH-23	0.13
24	23.8	22.2	23.5	VH-24	0.12
25	24.8	23.2	23.5	VH-25	0.09
26	25.8	24.2	23.5	VH-26	0.13
27	26.8	25.2	23.5	VH-27	0.14
30	29.8	27.8	26.5	VH-30	0.17
31	30.8	28.8	26.5	VH-31	0.18
32	31.8	29.8	26.5	VH-32	0.17
33	32.8	30.8	26.5	VH-33	0.20
34	33.8	31.8	26.5	VH-34	0.26
38	37.8	35.8	21	VH-38	0.23
39	38.8	36.8	21	VH-39	0.23

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
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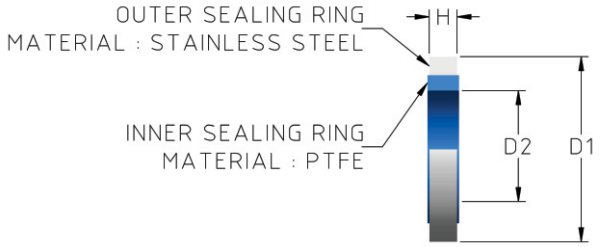
SOFT SEALING RINGS - KD

(For Banjo Fittings WH/TH Series)



FOR BSP THREAD

FOR MALE STUD THREAD BSP	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	D2	H		
1/8	17	10	2.5	KD-2G	0.02
1/4	22	13.5	3	KD-4G	0.04
3/8	27	17.1	3	KD-6G	0.06
1/2	32	21.4	4.5	KD-8G	0.12
3/4	41	26.8	3.5	KD-12G	0.17
1	46	33.5	3.5	KD-16G	0.18
1-1/4	57	42.4	3.5	KD-20G	0.26
1-1/2	64	48.4	3.5	KD-24G	0.32

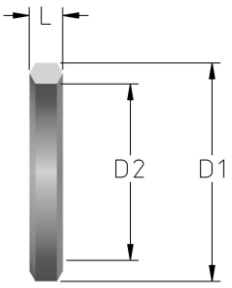
FOR METRIC THREAD

FOR MALE STUD THREAD METRIC	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	D2	H		
M 10 x 1	17	10.3	2.5	KD-10M	0.02
M 12 x 1.5	22	12.3	3	KD-12M	0.05
M 14 x 1.5	2.5	14.3	3	KD-14M	0.04
M 16 x 1.5	27	16.4	3	KD-16M	0.06
M 18 x 1.5	29	18.4	3	KD-18M	0.07
M 20 x 1.5	32	20.4	3	KD-20M	0.08
M 22 x 1.5	32	22.4	4.5	KD-22M	0.11
M 26 x 1.5	41	26.4	3.5	KD-26M	0.18
M 27 x 2	41	27.4	3.5	KD-27M	0.16
M 33 x 2	46	33.5	3.5	KD-33M	0.18
M 42 x 2	57	42.4	3.5	KD-42M	0.26
M 48 x 2	64	48.4	3.5	KD-48M	0.32

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

METAL SEALING RING - DKA

(For Banjo Fittings WH/TH Series)



FOR BSP THREAD

FOR MALE STUD THREAD BSP	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	D2	L		
1/8	14	9.8	2.5	DKA-2G	0.1
1/4	18	13.3	3	DKA-4G	0.2
3/8	22	16.8	3	DKA-6G	0.3
1/2	26	21.1	4.5	DKA-8G	0.5
3/4	32	26.6	3.5	DKA-12G	0.6
1	39	33.4	3.5	DKA-16G	0.9
1-1/4	49	42.1	3.5	DKA-20G	1.2
1-1/2	55	48.1	3.5	DKA-24G	1.4

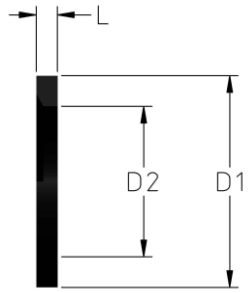
FOR METRIC THREAD

FOR MALE STUD THREAD METRIC	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	D2	L		
M 10 x 1	14	10.1	2.5	DKA-10M	0.01
M 12 x 1.5	17	12.1	3	DKA-12M	0.02
M 14 x 1.5	19	14.1	3	DKA-14M	0.03
M 16 x 1.5	21	16.1	3	DKA-16M	0.03
M 18 x 1.5	23	18.1	3	DKA-18M	0.03
M 20 x 1.5	25	20.1	3	DKA-20M	0.04
M 22 x 1.5	27	22.1	4.5	DKA-22M	0.06
M 26 x 1.5	31	26.1	3.5	DKA-26M	0.05
M 27 x 2	32	27.1	3.5	DKA-27M	0.06
M 33 x 2	39	33.1	3.5	DKA-33M	0.08
M 42 x 2	49	42.1	3.5	DKA-42M	0.12
M 48 x 2	55	48.1	3.5	DKA-48M	0.14

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

SOFT SEALS - ED

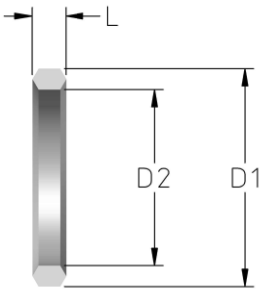
(For male stud ends)



BSP	METRIC	Dimensions are in millimeters			DAWSONS-TECH PART NO.
		D1	D2	L	
G 1/8	M 10 x 1	11.9	8.4	1	ED-2G/10M
---	M 12 x 1.5	14.4	9.8	1.5	ED-12M
G 1/4	M 14 x 1.5	16.5	11.6	1.5	ED-4G/14M
---	M 16 x 1.5	18.9	13.8	1.5	ED-16M
G 3/8	---	18.9	14.7	1.5	ED-6G
---	M 18 x 1.5	20.9	15.7	1.5	ED-18M
---	M 20 x 1.5	22.9	17.8	1.5	ED-20M
G ½	---	23.9	18.5	1.5	ED-8G
---	M 22 x 1.5	24.3	19.6	1.5	ED-22M
G 3/4	M 26 x 1.5	29.2	23.9	1.5	ED-12G/26
----	M 27 x 2	29.2	23.9	1.5	ED-27M
G 1	M 33 x 2	35.7	29.7	2	ED-16G/33M
G 1-1/4	M 42 x 2	45.8	38.8	2	ED-20G/42M
G 1-1/2	M 48 x 2	50.7	44.7	2	ED-24G/48M

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :ED-2G/10M/V
- Dimensions are for reference only and are subject to change without notice.

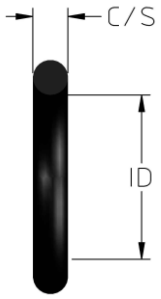
SEAL RINGS FOR PRESSURE GAUGE CONNECTORS - DK



FOR FEMALE THREAD BSP	Dimensions are in millimeters			DAWSONS-TECH PART NO.	APPROX. WT. Kg per 10 pcs.
	D1	D2	L		
G 1/4	11.3	6	4.5	DK-4G	0.02
G 1/2	18.5	12	5	DK-8G	0.05

- If you have requirements other than above size and Dimensions, please contact us with complete details
- Available in Material SS316L
- Dimensions are for reference only and are subject to change without notice.

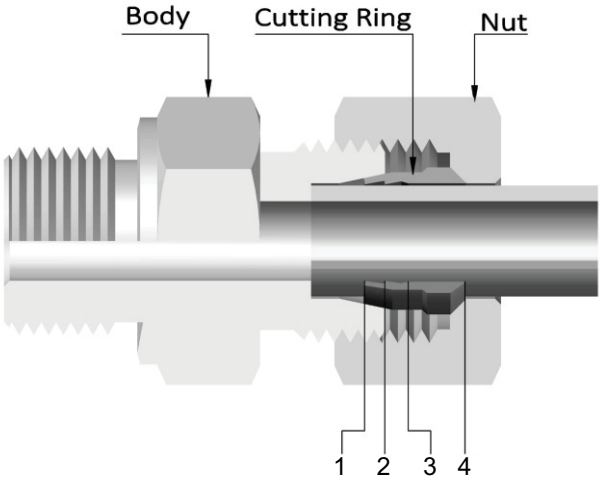
For : GE - UNF, Weld Nipples,
Swivel Nuts, Banjo Fittings WH/TH
Pressure gauge connections
VSTI etc.



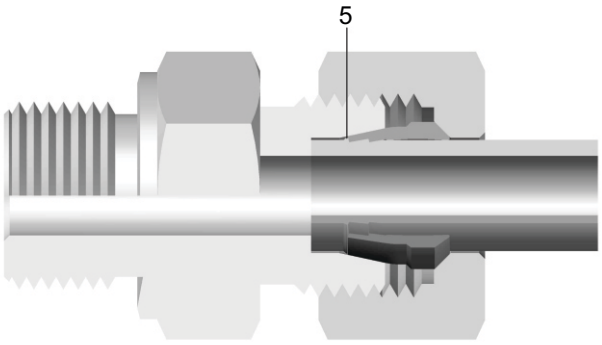
Dimensions are in millimeters		DAWSONS-TECH PART NO.
ID	C/S	
4	1.5	OR-4 x 1.5
6	1.5	OR-6 x 1.5
6.07	1.78	OR-6.07 x 1.78
7.5	1.5	OR-7.5 x 1.5
7.8	1.78	OR-7.8 x 1.78
8	2.4	OR-8 x 2.4
8.2	1.5	OR-8.2 x 1.56
8.3	2.4	OR-8.3 x 2.4
8.92	1.83	OR-8.92 x 1.83
9	1.5	OR-9 x 1.5
9.3	1.5	OR-9.3 x 1.5
9.4	2.1	OR-9.4 x 2.1
10	2	OR-10 x 2
10.5	2.7	OR-10.5 x 2.7
11.4	2.1	OR-11.4 x 2.1
11.9	1.98	OR-11.9 x 1.98
12	2	OR-12 x 2
12.5	1.5	OR-12.5 x 1.5
13	3	OR-13 x 3
13.4	2.1	OR-13.4 x 2.1
15	2	OR-15 x 2
15.3	2.4	OR-15.3 x 2.4
15.4	2.1	OR-15.4 x 2.1
16	1.5	OR-16 x 1.5
16.3	2.4	OR-16.3 x 2.4
16.36	2.2	OR-16.36 x 2.2
17	3	OR-17 x 3
18	1.5	OR-18 x 1.5
18.2	3	OR-18.2 x 3
18.64	3.53	OR-18.64 x 3.53
19.18	2.46	OR-19.18 x 2.46
19.4	2.1	OR-19.4 x 2.1
20	1.5	OR-20 x 1.5

Dimensions are in millimeters		DAWSONS-TECH PART NO.
ID	C/S	
20	2	OR-20 x 2
20	2.5	OR-20 x 2.5
20.3	2.4	OR-20.3 x 2.4
21.2	3	OR-21.2 x 3
22.7	2.8	OR-22.7 x 2.8
23.4	3.56	OR-23.4 x 3.56
23.47	2.95	OR-23.47 x 2.95
23.7	2.8	OR-23.7 x 2.8
25	2	OR-25 x 2
25	3.53	OR-25 x 3.53
25.3	2.4	OR-25.3 x 2.4
26	2	OR-26 x 2
26	2.5	OR-26 x 2.5
29.2	3	OR-29.2 x 3
29.7	2.8	OR-29.7 x 2.8
29.74	2.95	OR-29.74 x 2.95
31	4	OR-31 x 4
32	2.5	OR-32 x 2.5
32.92	3.53	OR-32.92 x 3.53
33	2.5	OR-33 x 2.5
33.3	2.4	OR-33.3 x 2.4
34.2	3	OR-34.2 x 3
34.5	3.53	OR-34.5 x 3.53
37.46	3	OR-37.46 x 3
37.7	3.53	OR-37.7 x 3.53
38	2.5	OR-38 x 2.5
38.7	2.8	OR-38.7 x 2.8
41	2.5	OR-41 x 2.5
41.2	3	OR-41.2 x 3
44.2	5.7	OR-44.2 x 5.7
46	3	OR-46 x 3
47.22	3.53	OR-47.22 x 3.53
56.76	3.53	OR-56.76 x 3.53

- O-Ring : Buna-N is standard
- Viton® are available on request
- For Viton: Suffix code 'V' alongwith the part number of the fittings
- Example :OR-20 x 2/V
- If you have requirements other than above size and Dimensions, please contact us with complete details
- Dimensions are for reference only and are subject to change without notice.



Before Assembly



After Assembly

5 : After assembly, a visible collar fills space in front of first biting edge.

DESIGN :

DAWSONS-TECH has designed the Cutting Ring very carefully with proper consideration having twin Sealing edges to have firm and safe gripping on tubing to provide leak free connection of tube and components in fluid systems.

The important function of the Cutting Ring is to have controlled progressive bite of the ring into the tube due to a unique internal geometry of the Cutting Ring.

FUNCTION :

As the Tube Fittings Nut tightened, the Cutting Ring moves towards the surface of the tube and the front Biting edge '1' of the Cutting Ring starts Biting tube, at the point where second Biting edge '2' of the Cutting Ring comes in contact with the surface of the tube a sharp increase in torque will occur, as soon as the both Biting edges have Bite the tube to the designed depth, the third stop edge '3' of the Cutting Ring comes in contact with the surface of the tube, a considerable increase in tightening torque which is already perceptible, at the same time, the Cutting Ring is gripped firmly on tube providing perfect sealing.

Due to the design of twin biting and stop edges of the Cutting Ring, the arising force are properly distributed. This distribution with inner edge '4' of the Cutting Ring increase the safety with regard to flexure stresses. Thus the vibration is eliminated form the biting area.

This ensures

- High degree of sealing efficiency
- Reliable for high pressure applications
- Vibration resistance
- High Fatigue strength
- Operational safety.

We recommend stainless steel cold drawn fully annealed seamless tubing to DIN 17458 or equivalent and provide tolerances to DIN 2391 part 1

The following tube wall thickness are recommended with stainless steel Flare Less Bite Type Tube Fittings

TUBE O. D. mm	Tolerance mm	Wall thickness mm	Weight kg/m	Calculated pressure DIN 2413 I bar	III bar
6	±0.1	1	0.125	372	357
6		1.5	0.168	526	505
6		2	0.200	662	636
6		2.25	0.211	725	696
8	±0.1	1	0.175	347	277
8		1.5	0.244	412	396
8		2	0.300	526	505
8		2.5	0.344	630	604
10	±0.1	1	0.225	294	238
10		1.5	0.319	357	343
10		2	0.401	458	439
10		2.5	0.469	551	529
10		3	0.525	638	612
12	±0.08	1	0.275	245	201
12		1.5	0.394	368	291
12		2	0.501	391	376
12		2.5	0.594	474	455
12		3	0.615	551	529
12		3.5	0.744	624	599
15	±0.08	1.5	0.507	294	238
15		2	0.651	321	309
15		2.5	0.782	391	376
15		3	0.901	458	439
16	±0.08	2	0.701	368	291
16		2.5	0.845	370	355
16		3	0.977	433	416
18	±0.08	1.5	0.620	245	201
18		2	0.801	327	262
18		2.5	0.967	333	320
18		3	1.126	391	376
20	±0.08	2.5	1.095	368	291
20		3	1.277	357	343
20		3.5	1.443	408	392
20		4	1.600	458	439
22	±0.08	2	1.002	267	218
22		2.5	1.220	334	267
22		3	1.426	328	315
25	±0.08	2	1.152	235	193
25		2.5	1.408	294	238
25		3	1.635	353	281
25		4	2.092	378	363
25		4.5	2.307	418	402
25		5	2.501	458	439
28	±0.08	2	1.302	210	174
28		2.5	1.594	263	214
28		3	1.874	315	253
28		4	2.402	342	328
28		5	2.876	415	399
30	±0.08	3	2.028	294	238
30		4	2.605	321	309
30		5	3.400	391	376
35	±0.15	2	1.644	168	141
35		2.5	2.018	210	174
35		3	2.392	252	206
35		4	3.086	336	269
35		5	3.742	342	328
35		6	4.351	401	385
38	±0.15	4	3.405	309	249
38		5	4.131	318	305
38		6	4.807	373	358
38		7	5.426	427	410
42	±0.2	3	2.930	210	174
42		4	3.798	280	227

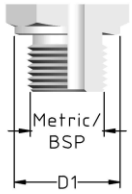
Note : Parallel sleeves are recommended where thin walled tube are subject to serve strains.

Calculated pressures to DIN 2413, scope of application I, for primarily static load conditions at temperatures up to 120°C.
YIELD POINT/$RP_{1.0}$:225N/mm^2 (to DIN 17458)
DESIGN FACTOR :1.5
ALLOWANCE FACTOR C_1 :10% of wall thickness
ALLOWANCE FACTOR C_2 :0 (no allowance for corrosion)
For a diameter ratio of u = OD/ID>1.35, calculation made to DIN 2413/III and based on a pulsating fatigue limit of 225 N/mm^2.

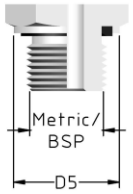
Calculated pressures to DIN 2413, scope of application III, for pulsating load conditions at temperatures up to 120°C.
PULSATING FATIGUE LIMIT :216 N/mm^2(assumed value)
ALLOWANCE FACTOR C_1 :10% of wall thickness

METRIC ISO THREAD : DIN 3852, Part 1
BSP THREAD : DIN 3852, Part 2

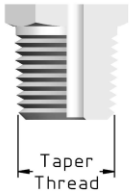
Male Stud form B
Sealing by cutting face

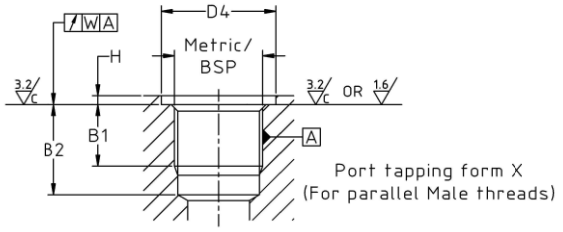


Male Stud form E
Sealing with ED seal

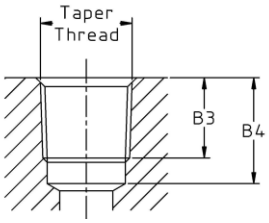


Male Stud form C
Sealing by Taper thread





Port tapping form X
(For parallel Male threads)



PARALLEL THREAD METRIC	D_1	$D_4^{+0.4}$	D_5	H_{max}	$B_{1\,min}$	$B_{2\,min}$	W
M 10 x 1	14	15	14	1	8	13.5	0.1
M 12 x 1.5	17	18	17	1.5	12	18.5	0.1
M 14 x 1.5	19	20	19	1.5	12	18.5	0.1
M 16 x 1.5	21	22	21.9	1.5	12	18.5	0.1
M 18 x 1.5	23	24	23.9	2	12	18.5	0.1
M 20 x 1.5	25	26	25.9	2	14	20.5	0.1
M 22 x 1.5	27	28	27	2.5	14	20.5	0.1
M 26 x 1.5	31	32	31.9	2.5	16	22.5	0.2
M 27 x 2	32	33	32	2.5	16	24	0.2
M 33 x 2	39	40	39.9	2.5	18	26	0.2
M 42 x 2	49	50	49.9	2.5	20	28	0.2
M 48 x 2	55	56	55	2.5	22	30	0.2

PARALLEL THREAD BSP	D_1	$D_4^{+0.4}$	D_5	H_{max}	$B_{1\,min}$	$B_{2\,min}$	W
G 1/8	14	15	14	1	8	13	0.1
G 1/4	18	19	18.9	1.5	12	18.5	0.1
G 3/8	22	23	22	2	12	18.5	0.1
G 1/2	26	27	26.9	2.5	14	22	0.1
G 3/4	32	33	32	2.5	16	24	0.2
G 1	39	40	39.9	2.5	18	27	0.2
G 1-1/4	49	50	49.9	2.5	20	29	0.2
G 1-1/2	55	56	55	2.5	22	31	0.2

For female threads, A does not apply

TAPER THREAD METRIC

TAPER THREAD METRIC	$B_{3\,min}$	$B_{4\,min}$
10 x 1	5.5	10
12 x 1.5	8.5	13.5
14 x 1.5	8.5	13.5
16 x 1.5	8.5	13.5
18 x 1.5	8.5	13.5
20 x 1.5	10.5	15.5
22 x 1.5	10.5	15.5

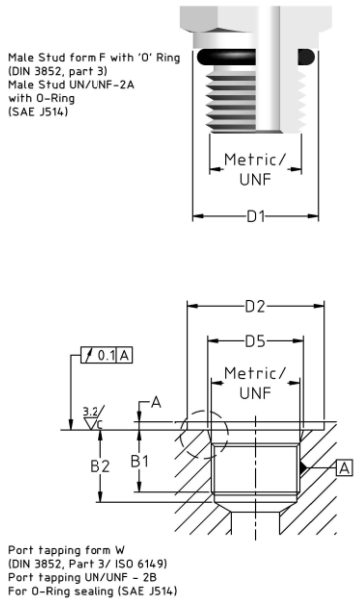
TAPER THREAD BSPT

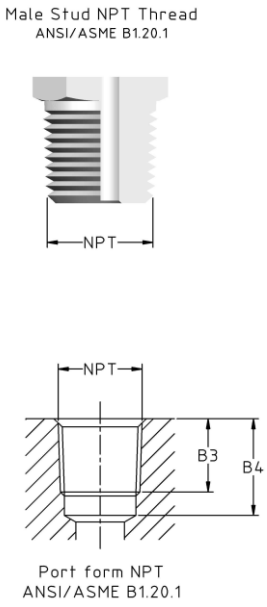
TAPER THREAD BSPT	$B_{3\,min}$	$B_{4\,min}$
R 1/8	5.5	9.5
R 1/4	8.5	13.5
R 3/8	8.5	13.5
R 1/2	10.5	16.5

For Effective Sealing of all taper pipe threads, we recommend to use PTFE tape.

Instructions : Clean both male and female taper threads. Two wraps of PTFE tape are suggested in the direction of male tapered thread spiral for proper make up.

METRIC ISO THREAD : DIN 3852, Part 3, ISO 6149
UNF / UN THREAD : SAE J 514,
NPT THREAD : ANSI/ASME B1.20.1





PARALLEL THREAD METRIC	D_1	$D_{2\,min.}$	D_4	$D_{5\,+0.1}$	A_{max}	$B_{1\,min}$	$B_{2\,min}$	B_5	$\alpha \pm 1^0$
M 10 x 1	12.9	20	13	11.1	1	10	11.5	1.6	12^0
M 12 x 1.5	16.9	22	16	13.8	1.5	11.5	14	2.4	15^0
M 14 x 1.5	18.9	25	18	15.8	1.5	11.5	14	2.4	15^0
M 16 x 1.5	20.9	27	20	17.8	1.5	13	15.5	2.4	15^0
M 18 x 1.5	22.9	29	22	19.8	2	14.5	16.5	2.4	15^0
M 20 x 1.5	24.9	32	24	21.8	2	14	16.5	2.4	15^0
M 22 x 1.5	26.9	34	26	23.8	2	15.5	18	2.4	15^0
M 26 x 1.5	30.9	37	31	29.05	2	16	18.5	3.1	15^0
M 27 x 2	31.9	40	32	29.4	2	19	22	3.1	15^0
M 33 x 2	37.9	46	38	35.4	2.5	19	22	3.1	15^0
M 42 x 2	47.9	56	47	44.4	2.5	19.5	2.5	3.1	15^0
M 48 x 2	54.9	64	53	50.4	2.5	22	25	3.1	15^0

PARALLEL THREAD UN/UNF	D_1	$D_{2\,min.}$	D_4	$D_{5\,+0.1}$	A_{max}	$B_{1\,min}$	$B_{2\,min}$	B_5	$\alpha \pm 1^0$
7/16-20 UNF	14.4	21	15	12.4	1.6	11.5	14	2.4	12^0
9/16-18 UNF	17.6	25	18	15.6	1.6	12.7	15.5	2.5	12^0
3/4-16 UNF	22.3	30	23	20.6	2.4	14.3	17.5	2.5	15^0
7/8-14 UNF	25.5	34	23	23.9	2.4	16.7	20	2.5	15^0
1-1/16-12 UN	31.9	41	32	29.2	2.4	19	23	3.3	15^0
1-5/16-12 UN	38.2	49	39	35.5	3.2	19	23	3.3	15^0
1-5/8-12 UN	47.7	58	48	43.5	3.2	19	23	3.3	15^0

Tolerance for Male Stud thread : Class 2A
Tolerance for Female thread : Class 2B

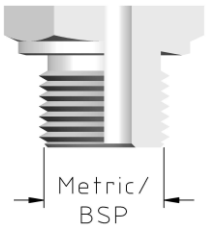
TAPER THREAD METRIC	$B_{3\,min}$	$B_{4\,min}$
1/8-27 NPT	6.9	11.6
1/4-18 NPT	10	16.4
3/8-18 NPT	10.3	17.4
1/2-14 NPT	13.6	22.6
3/4-14 NPT	14.1	23.1
1-11.5 NPT	16.8	27.8
1-1/4-11.5 NPT	17.3	28.3
1-1/2-11.5 NPT	17.3	28.3

For Effective Sealing of all taper pipe threads, we recommend to use PTFE tape.

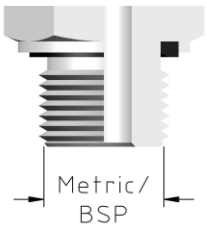
Instructions : Clean both male and female taper threads. Two wraps of PTFE tape are suggested in the direction of male tapered thread spiral for proper make up.

METRIC ISO THREAD : DIN 3852, Part 1
BSP THREAD : DIN 3852, Part 2

Male Stud form B
Sealing by cutting face



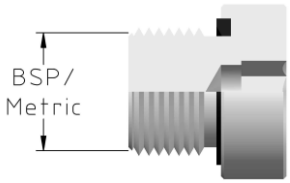
Male Stud form E
Sealing with ED seal



MALE STUD THREAD BSP	RTT in (Nm)
G 1/8	25
G 1/4	40
G 3/8	95
G 1/2	130
G 3/4	250
G 1	400
G 1-1/4	600
G 1-1/2	800

MALE STUD THREAD METRIC	RTT in (Nm)
M 10 x 1	25
M 12 x 1.5	30
M 14 x 1.5	50
M 16 x 1.5	60
M 18 x 1.5	60
M 20 x 1.5	140
M 22 x 1.5	140
M 26 x 1.5	220
M 27 x 2	250
M 33 x 2	400
M 42 x 2	600
M 48 x 2	800

Blanking Plug – VSTI



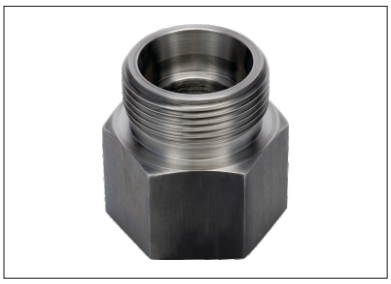
MALE STUD THREAD BSP	MAX. PRESSURE	RTT in (Nm)
G 1/8	PN 400	15
G 1/4		33
G 3/8		70
G 1/2		90
G 3/4		150
G 1		220
G 1-1/4	PN 250	500
G 1-1/2		500
G 1-1/4	PN 400	600
G 1-1/2		800

MALE STUD THREAD METRIC	MAX. PRESSURE	RTT in (Nm)
M 10 x 1	PN 400	13
M 12 x 1.5		30
M 14 x 1.5		40
M 16 x 1.5		60
M 18 x 1.5		70
M 20 x 1.5		90
M 22 x 1.5		100
M 26 x 1.5		120
M 27 x 2		150
M 33 x 2		250
M 42 x 2	PN 250	400
M 48 x 2		400
M 42 x 2	PN 400	400
M 48 x 2		700

Note : Lubricate stud before screwing in
The above tightening torque mentioned above are for reference only.

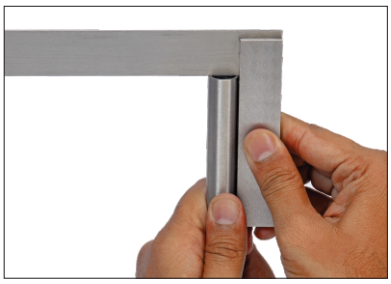
ASSEMBLY IN HARDENED PRE-ASSEMBLY BODY.

1)



In order to ensure positive assembly, DAWSONS-TECH recommend pre-assembled the tube and fittings in hardened pre-assembly Body.

2)

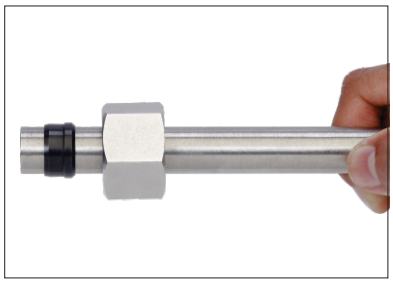


Ensure that the end of Tube is cut square within + 1/2° angle to the tube axis. Remove the burs and sharp edges to the maximum chamfer 0.2 mm x 45° at both inside and outside edge of the tube.

3)

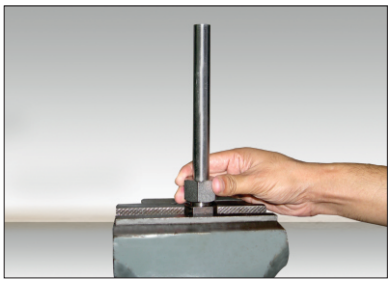
Lubricate the thread and cone of the pre-assembly body, Cutting Ring and thread of the nut.

4)



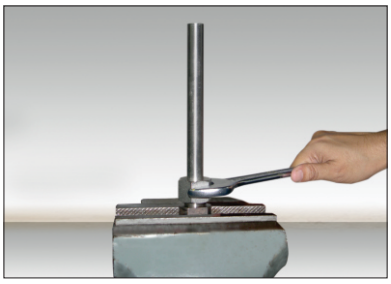
Insert the Nut and Cutting Ring over tube end.

5)



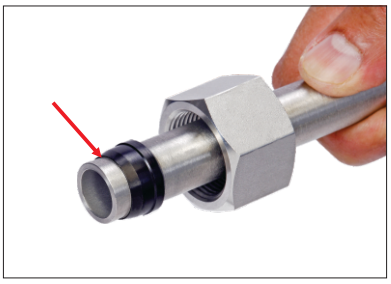
Screw on Nut manually on to pre-assembly body until finger tight, hold tube against the shoulder in the cone of pre-assembly body

6)



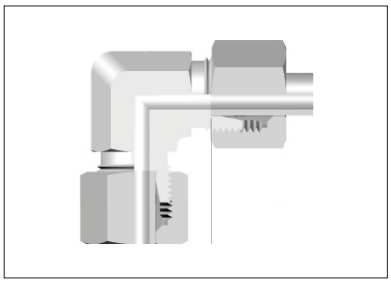
Tighten the Nut with wrench 1 turn from the finger tight position.

7)



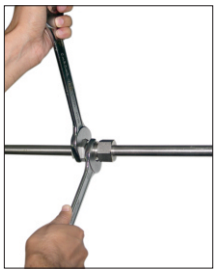
Loosen the Nut, remove the tube from the pre-assembly body, check the penetration of cutting edge. A visible collar fills space in front of first cutting edge completely. It does not matter even Cutting Ring rotate on tube end.

8)



Final assembly in Fitting body
Put pre-installed tube in to the fitting body.
Tighten the Nut with wrench by approx 1/2 turns beyond point of clearly perceptible resistance.

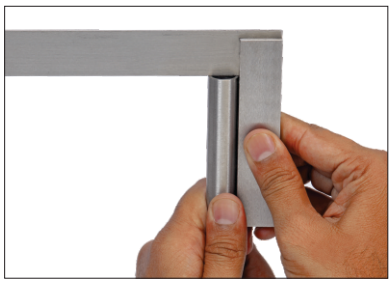
9)



Repeated Assembly
Each time the fitting is disassembled, the nut must be re-tightened firmly using the same torque as required for final assembly

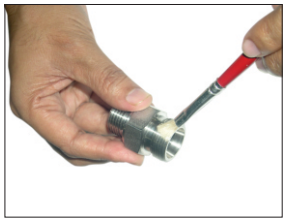
ASSEMBLY IN FITTING BODY WITHOUT USING PRE-ASSEMBLY BODY.

1)



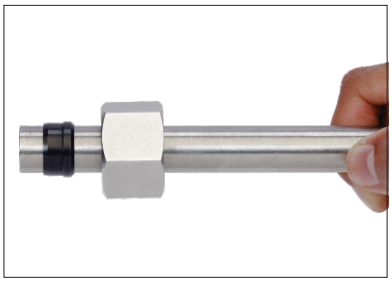
Ensure that the end of Tube is cut square within + 1/2° angle to the tube axis. Remove the burs and sharp edges to the maximum chamfer 0.2 mm x 45° at both inside and outside edge of the tube.

2)



Lubricate the thread and cone of the fitting body, Cutting Ring and thread of the nut.

3)

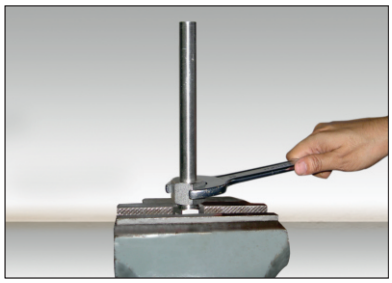


Insert the Nut and Cutting Ring over tube end.

4)

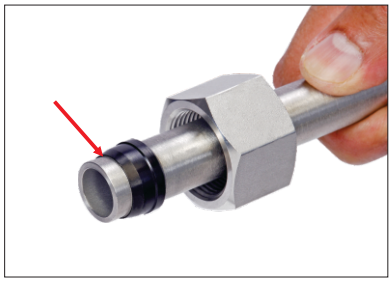
Screw on Nut manually on to fitting body until finger tight, hold tube against the shoulder in the cone of pre-assembly body

5)



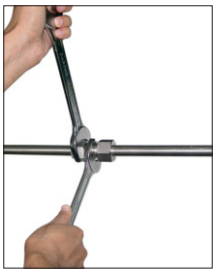
Tighten the Nut with wrench 1-1/2 turn from the finger tight position.

6)



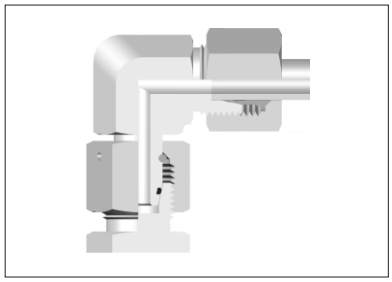
Loosen the Nut, remove the tube from the fitting body, check the penetration of cutting edge. A visible collar fills space in front of first cutting edge completely. It does not matter even Cutting Ring rotate on tube end.

7)



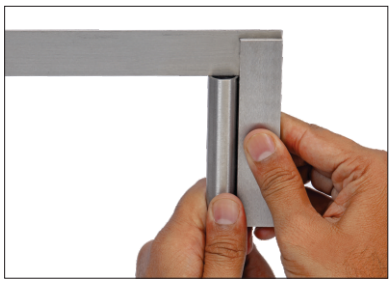
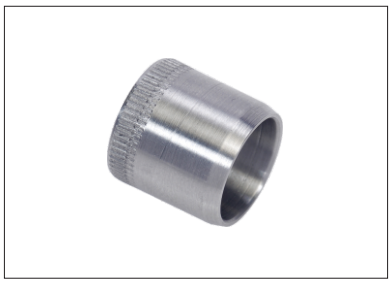
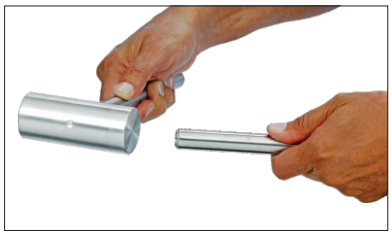
Repeated Assembly
Each time the fitting is disassembled, the nut must be re-tightened firmly using the same torque as required for final assembly

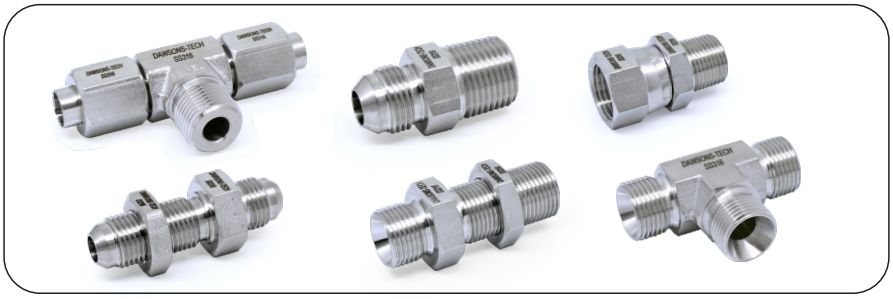
8)



Final assembly of Taper fittings
After applying oil on O-Ring, tighten the Nut 1/3 of a turn beyond the point of noticeable resistance

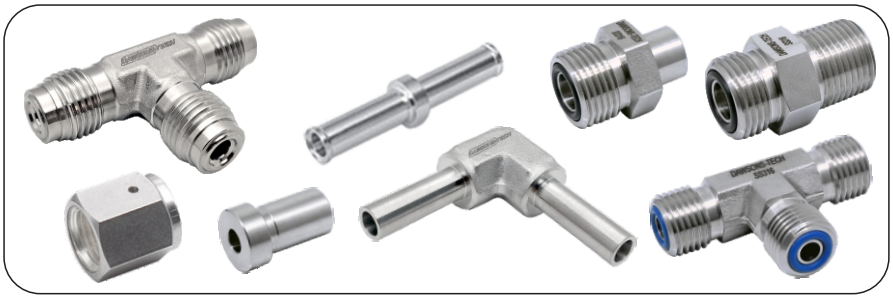
ASSEMBLY OF SUPPORT SLEEVES

1)  Ensure that the end of Tube is cut square within + 1/2° angle to the tube axis. Remove the burs and sharp edges to the maximum chamfer 0.2 mm x 45° at both inside and outside edge of the tube.	**2)**  Support Sleeve	**3)** Insert support sleeve up to knurl.
4)  Drive knurl edge into tube (use soft hammer)	**5)** Ensure support sleeve is flush with tube end.	**6)** No tube necking after assembly with support sleeve.



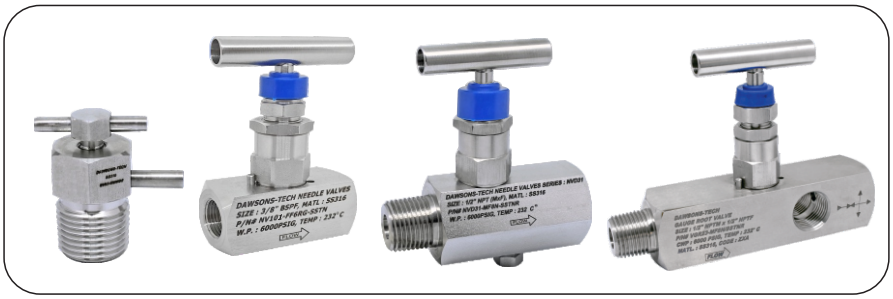
37° Flare Fittings / BSP 60° Cone Fittings

Precision Threaded / Socket / Butt Weld Pipe Fittings & Adapters

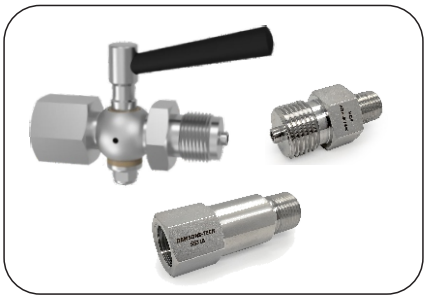


High Purity Fittings

Wellhead Grease / Bleed Fittings & Components



Instrumentation Valves

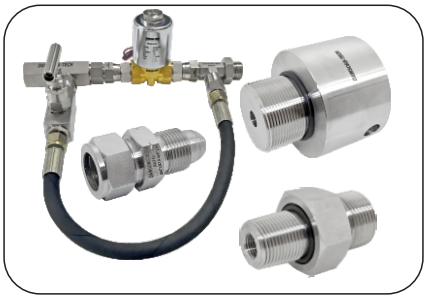


Gauge Cock & Accessories

High Pressure Ball Valves

Check Valves

Quick Connect Couplings to ISO 16028 & ISO 7241-1 Series B



Customized Fittings and Valves

NOTES :

NOTES :

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