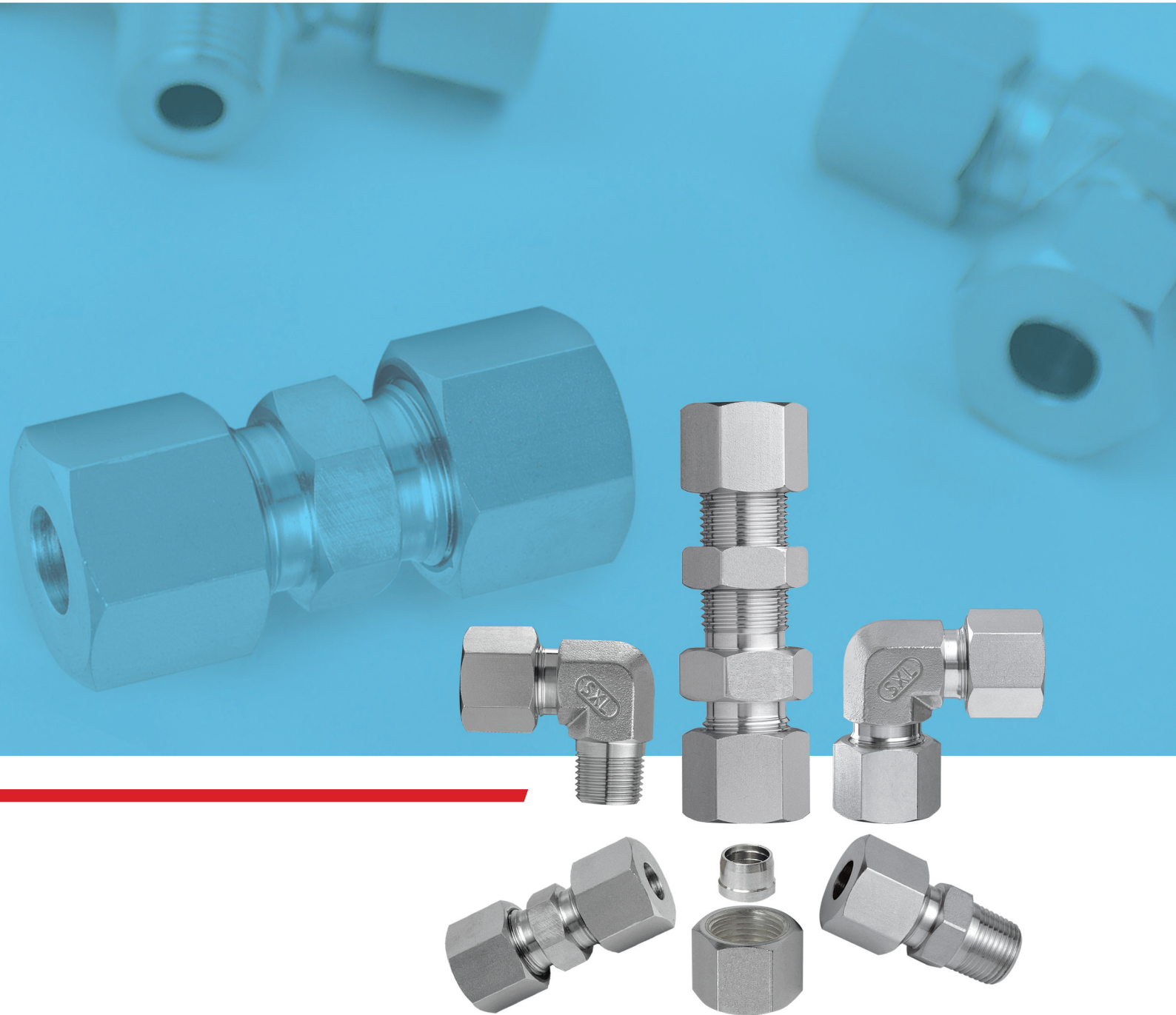




Tube Fittings

as per DIN 2353



Make the leak free connections with Sealexcel products at economical price.



ABOUT THE COMPANY



Our Focus

SEALEXCEL® manufactures all the above products to very stringent tolerances under rigid quality controlled procedures approved to ISO 9001:2000 quality management systems. The products are tested with continuous research and development programs to withstand the demand of high performance world class quality products for instrumentation and process tubing. These products are used in the environments like Oil, Gas, Chemical, Petrochemical, Nuclear, Power plant, Pharmaceutical, Hydraulic, Pneumatic, Marine, Packaging, Printing Industries etc.



SEALEXCEL® (INDIA) PVT. LTD. is a fast growing manufacturing company in the field of design, development, production and marketing of high quality valves and fittings for International and domestic markets, since 1987.

Product Range

- ◆ Twin Ferrule tube fittings
- ◆ Single Ferrule tube Fittings
- ◆ Tube fittings as per DIN 2353
- ◆ 370 Flared tube fittings
- ◆ Stainless Steel push in fittings
- ◆ Precision pipe fittings and Adaptors
- ◆ Stainless steel quick connect couplings
- ◆ Bar Stock and Forged body needle valves
- ◆ Instrumentation Ball Valves

Manufacturing Facility

SEALEXCEL® has two well equipped manufacturing units in India having modern manufacturing facilities with CNC lathes, Single Spindle Auto Screw machines, Capsten lathes, Thread Rolling and many other machines to provide good quality products at economical prices.

Product warranty

All the SEALEXCEL® products come with a warranty of 12 months from the date of shipment against any defect in material or workmanship. The warranty stands for replacement of determined defective parts only.

Quality Policy

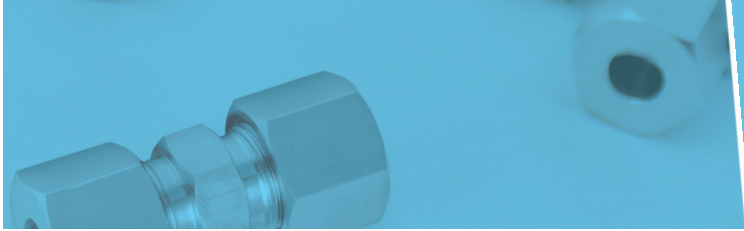
We at SEALEXCEL® not only strive to meet all of our customer's requirements but also enhance customer's expectation by providing them excellent products at economical price in time.

This is achieved by

- ◆ Continuously improving the products, process and systems.
- ◆ Ensuring involvement of all the employees and enhancing their competency.
- ◆ Complying with all applicable statutory and regulatory Requirements.

The Goal

SEALEXCEL® is committed to make every effort towards producing world class products at economical price.



SEALEXCEL® Bite-Lok™ Tube Fittings as per DIN 2353.

Design:

SEALEXCEL® Bite-Lok™ Flare less Bite Type Tube Fittings are designed according to DIN 2353 and manufactured under rigid quality control procedure approved to ISO 9001:2000 to provide leak free connection of tubes and components in Fluid systems which ensure high degree of safety and reliability.

SEALEXCEL® Bite-Lok™ Tube Fittings are available in two series i.e., L-series and S-series

L-Series are Light duty having low pressure withstanding capability than S-Series and can be used for compressed Air, Hydraulic return lines, Fuel heating, Automotive industries etc.

S-Series are heavy duty high pressure withstanding capabilities than L-series and can be used for heavy duty machineries, ship building, mining, chemical Industries, Large capacity refrigerating plant, compressed Air lines etc.

Material :

SEALEXCEL® Bite-Lok™ Tube Fittings are available as standard in SS 316. Other materials are available on request.

Available Sizes:

L - Light Series: 6mm to 28mm
S - Heavy Series: 6mm to 25mm

Pressure Rating:

SEALEXCEL® Bite-Lok™ 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
	28mm	100 bar
S (heavy)	6-14mm	630 bar
	16-25mm	400 bar

Note: 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.

Tube Selection :

Stainless steel fully annealed seamless tubing according to standard ASTM 213 or ASTM 269 or equivalent are suitable for use with Bite-Lok tube Fittings.

The Tubing should be compatible with process Fluid, Pressure and temperature. The hardness of tubing should not exceed 90 Rb.

Temperature Rating :

For Stainless Steel 316 Bite-Lok™ Tube Fittings-upto 400° C

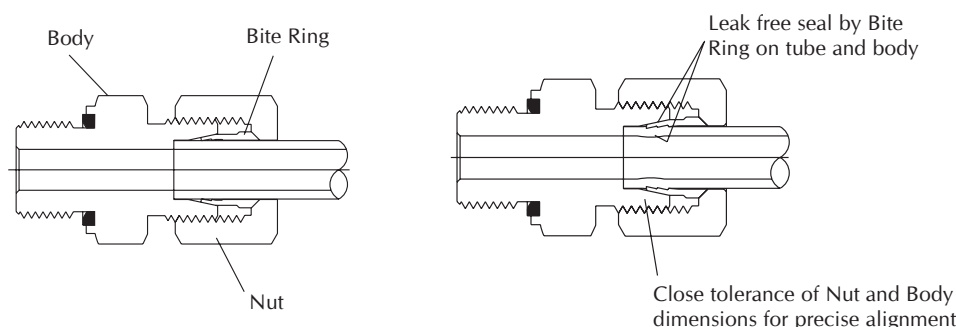
Note : For higher temperatures, reduction in pressure should be taken into account.

For Seal Material :

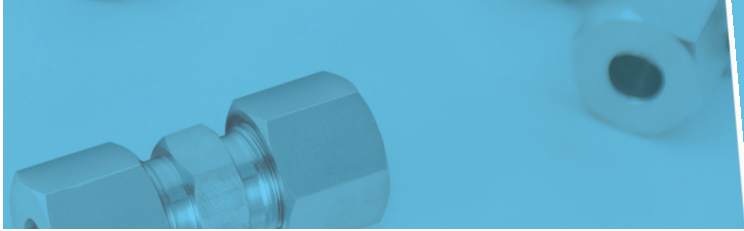
NBR (Perbunan) : -35° C to 100° C
FPM (Viton) : -25° C to 200° C

Construction of SEALEXCEL® Bite-Lok™ Tube Fittings.

Bite-Lok™ tube fittings consist of three precision component such as Nut, Bite Ring and Body.



Note : Nut with Internally silver plated are available on request.



ORDERING INFORMATION :

SEALEXCEL® Bite-Lok™ Tube Fittings are ordered by part number as listed in this catalog. Example : GE-6L-2RP/E

GE Type of fitting	6 Tube OD	L Series	2 Pipe thread size	RP Type of thread	E Material
Straight Male Stud fittings	6mm	Light	1/8	BSPP	SS316

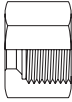

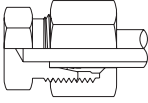

MATERIAL CODE DESCRIPTION:

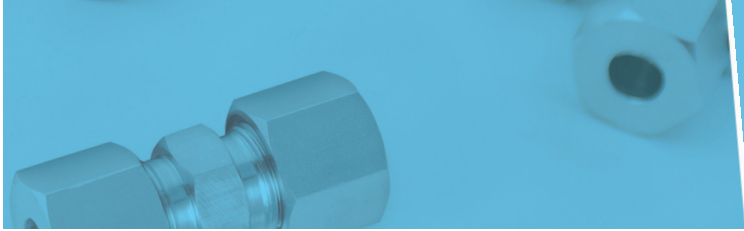
Material	Code
SS316	E
SS316Ti	T
Steel	S
Seal Ring Viton®	V
Seal Ring Buna	N

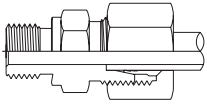
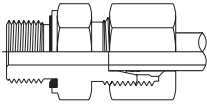
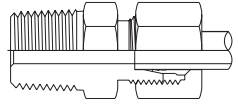
Viton® is a registered trademark of Dupont

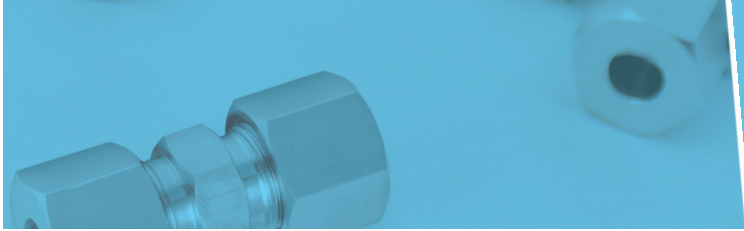
PIPE THREAD DESCRIPTION :

TYPE OF THREAD	CODE	SPECIFICATION
NPT	N	ANSI B1.20.1
BSPT	RT	BS21, ISO 7/1
BSPP	RP	DIN 3852, Form B BS 2779, ISO 228/1
BSPP	RS	DIN 3852, Form A ISO 228/1, BS 2779
BSPP with Elastomeric seal	EO	DIN 3852, Part2, Form E BS 2779, ISO 228/1
BSPP (Female)	RG	DIN 3852 Form Y, BS 2779 ISO 228/1
Metric Taper	MT	DIN 3852, part1, FormC
Metric parallel	MPA	DIN 3852, part1, FormA
Metric parallel	MPB	DIN 3852, part1, FormB
Metric parallel	MEO	DIN 3852, part1, FormE

		Nut	Bite Ring	Blanking Ends	Blanking Plug
					
Series	Tube OD	Part No.	Part No.	Part No.	Part No.
L Light	6	M-6L	DPR-6L	ROV-6L	VKA-6L
	8	M-8L	DPR-8L	ROV-8L	VKA-8L
	10	M-10L	DPR-10L	ROV-10L	VKA-10L
	12	M-12L	DPR-12L	ROV-12L	VKA-12L
	15	M-15L	DPR-15L	ROV-15L	VKA-15L
	18	M-18L	DPR-18L	ROV-18L	VKA-18L
	22	M-22L	DPR-22L	ROV-22L	VKA-22L
	28	M-28L	DPR-28L	ROV-28L	VKA-28L
S Heavy	6	M-6S	DPR-6S	ROV-6S	VKA-6S
	8	M-8S	DPR-8S	ROV-8S	VKA-8S
	10	M-10S	DPR-10S	ROV-10S	VKA-10S
	12	M-12S	DPR-12S	ROV-12S	VKA-12S
	14	M-14S	DPR-14S	ROV-14S	VKA-14S
	16	M-16S	DPR-16S	ROV-16S	VKA-16S
	20	M-20S	DPR-20S	ROV-20S	VKA-20S
25	M-25S	DPR-25S	ROV-25S	VKA-25S	

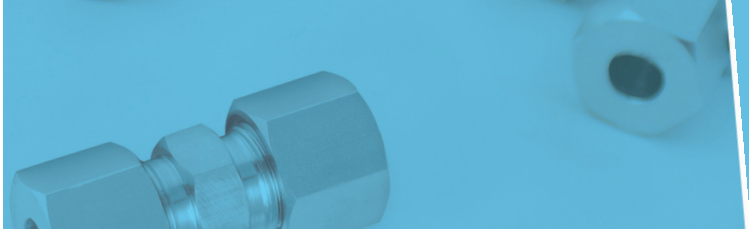


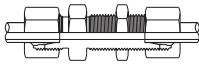
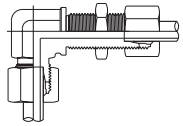
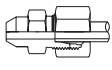

			Straight male stud fittings (Male BSPP thread with EOLASTIC sealing)		Straight male stud fittings (Male NPT thread)	
						
Series	Tube OD	Male BSPP thread	Part No.	Part No.	Male NPT thread	Part No.
L Light	6	1/8	GE-6L-2RP	GE-6L-2EO	1/8	GE-6L-2N
	6	1/4	GE-6L-4RP	GE-6L-4EO	1/4	GE-6L-4N
	6	3/8	GE-6L-6RP	-	-	-
	6	1/2	GE-6L-8 RP	-	-	-
	8	1/8	GE-8L-2 RP	GE-8L-2EO	-	-
	8	1/4	GE-8L-4 RP	GE-8L-4EO	1/4	GE-8L-4N
	8	3/8	GE-8L-6 RP	GE-8L-6EO	-	-
	8	1/2	GE-8L-8 RP	-	-	-
	10	1/4	GE-10L-4 RP	GE-10L-4EO	1/4	GE-10L-4N
	10	3/8	GE-10L-6 RP	GE-10L-6EO	-	-
	10	1/2	GE-10L-8 RP	GE-10L-8EO	-	-
	12	1/4	GE-12L-4 RP	GE-12L-4EO	1/4	GE-12L-4N
	12	3/8	GE-12L-6 RP	GE-12L-6EO	3/8	GE-12L-6N
	12	1/2	GE-12L-8 RP	GE-12L-8EO	1/2	GE-12L-8N
	12	3/4	GE-12L-12 RP	-	-	-
	15	3/8	GE-15L-6 RP	GE-15L-6EO	-	-
	15	1/2	GE-15L-8 RP	GE-15L-8EO	1/2	GE-15L-8N
	15	3/4	GE-15L-12 RP	-	-	-
	18	3/8	GE-18L-6 RP	-	-	-
	18	1/2	GE-18L-8 RP	GE-18L-8EO	1/2	GE-18L-8N
18	3/4	GE-18L-12 RP	GE-18L-12EO	-	-	
22	1/2	GE-22L-8 RP	-	-	-	
22	3/4	GE-22L-12 RP	GE-22L-12EO	3/4	GE-22L-12N	
28	1	GE-28L-16 RP	GE-28L-16EO	1	GE-28L-16N	
28	3/4	GE-28L-12 RP	-	-	-	
S Heavy	6	1/4	GE-6S-4 RP	GE-6S-4EO	1/4	GE-6S-4N
	6	1/2	GE-6S-8 RP	-	-	-
	8	1/4	GE-8S-4 RP	GE-8S-4EO	1/4	GE-8S-4N
	8	3/8	GE-8S-6 RP	GE-8S-6EO	-	-
	10	3/8	GE-10S-6 RP	GE-10S-6EO	3/8	GE-10S-6N
	10	1/4	GE-10S-4 RP	GE-10S-4EO	1/4	GE-10S-4N
	10	1/2	GE-10S-8 RP	GE-10S-8EO	-	-
	12	3/8	GE-12S-6 RP	GE-12S-6RO	3/8	GE-12S-6N
	12	1/4	GE-12S-4 RP	GE-12S-4EO	1/4	GE-12S-4N
	12	1/2	GE-12S-8 RP	GE-12S-8EO	1/2	GE-12S-8N
	14	1/2	GE-14S-8 RP	GE-14S-8EO	1/2	GE-14S-8N
	14	3/8	GE-14S-6 RP	-	-	-
	16	1/2	GE-16S-8 RP	GE-16S-8EO	1/2	GE-16S-8N
	16	3/8	GE-16S-6 RP	GE-16S-6EO	-	-
	16	3/4	GE-16S-12 RP	GE-16S-12EO	-	-
	20	3/4	GE-20S-12 RP	GE-20S-12EO	3/4	GE-20S-12N
	20	1/2	GE-20S-8 RP	-	-	-
	25	3/4	GE-25S-12 RP	-	-	-
25	1/2	-	GE-25S-8EO	-	-	
25	1	GE-25S-16 RP	GE-25S-16EO	1	GE-25S-16N	

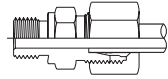
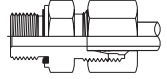


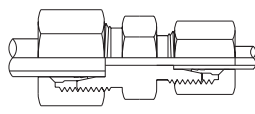
		Straight fittings	Elbow fittings	Equal Tee	Equal Cross
Series	Tube OD	Part No.	Part No.	Part No.	Part No.
L Light	6	G6-UL	W6-UEL	T6-UTL	K6-UCL
	8	G8-UL	W8-UEL	T8-UTL	K8-UCL
	10	G10-UL	W10-UEL	T10-UTL	K10-UCL
	12	G12-UL	W12-UEL	T12-UTL	K12-UCL
	15	G15-UL	W15-UEL	T15-UTL	K15-UCL
	18	G18-UL	W18-UEL	T18-UTL	K18-UCL
	22	G22-UL	W22-UEL	T22-UTL	K22-UCL
S Heavy	28	G28-UL	W28-UEL	T28-UTL	K28-UCL
	6	G6-US	W6-UES	T 6-UTS	K6-UCS
	8	G8-US	W8-UES	T8-UTS	K8-UCS
	10	G10-US	W10-UES	T10-UTS	K10-UCS
	12	G12-US	W12-UES	T12-UTS	K12-UCS
	14	G14-US	W14-UES	T14-UTS	K14-UCS
	16	G16-US	W16-UES	T16-UTS	K16-UCS
	20	G20-US	W20-UES	T20-UTS	K20-UCS
25	G25-US	W25-UES	T25-UTS	K25-UCS	

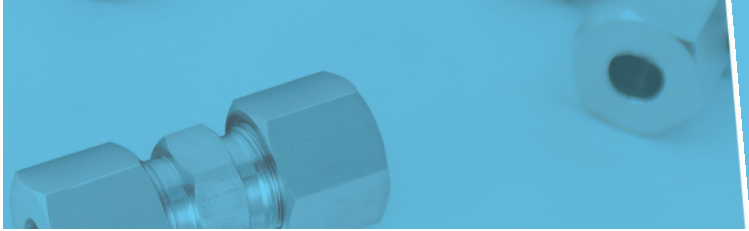
		Straight Male stud fittings (Male BSPT thread)		Straight Female stud fittings (Female BSPP thread)		Male Stud elbow fitting						
Series	Tube OD	Male BSPT thread	Part No.	Female BSPP thread	Part No.	Series	Tube OD	Male NPT thread	Part No.	Male BSPT thread	Part No.	
L Light	6	1/8	GE-6L-2RT	1/8	GAI-6L-2RG	L Light	6	1/8	W 6L-2N	1/8	WE6L-2RT	
	8	1/4	GE-8L-4RT	1/4	GAI-8L-4RG		8	1/4	WE8L-4N	1/4	WE8L-4RT	
	8	-	-	3/8	GAI-8L-6RG		10	1/4	WE10L-4N	1/4	WE10L-4RT	
	8	-	-	1/2	GAI-8L-8RG		12	3/8	WE12L-6N	3/8	WE12L-6RT	
	10	1/4	GE-10L-4RT	1/4	GAI-10L-4RG		15	1/2	WE15L-8N	1/2	WE15L-8RT	
	10	-	-	3/8	GAI-10L-6RG		18	1/2	WE18L-8N	1/2	WE18L-8RT	
	10	-	-	1/2	GAI-10L-8RG		22	3/4	WE22L-12N	-	-	
	12	1/4	GE-12L-4RT	-	-		28	1	WE28L-16N	-	-	
	12	-	-	3/8	GAI-12L-6RG		S Heavy	6	1/4	WE6S-4N	1/4	WE6S-4RT
	12	-	-	1/2	GAI-12L-8RG			8	1/4	WE8S-4N	1/4	WE8S-4RT
15	3/8	GE-15L-6RT	-	-	10	3/8		WE10S-6N	3/8	WE10S-6RT		
15	1/2	GE-15L-8RT	1/2	GAI-15L-8RG	12	3/8		WE12S-6N	3/8	WE12S-6RT		
18	1/2	GE-18L-8RT	1/2	GAI-18L-8RG	14	1/2		WE14S-8N	1/2	WE14S-8RT		
22	3/4	GE-22L-12RT	3/4	GAI-22L-12RG	16	1/2		WE16S-8N	1/2	WE16S-8RT		
28	-	-	1	GAI-28L-16RG	20	3/4		WE20S-12N	-	-		
S Heavy	6	-	-	1/4	GAI-6S-4RG	25		1	WE25S-16N	-	-	
	8	-	-	1/4	GAI-8S-4RG							
	10	-	-	3/8	GAI-10S-6RG							
	12	-	-	3/8	GAI-12S-6RG							
	14	-	-	1/2	GAI-14S-8RG							
	16	-	-	1/2	GAI-16S-8RG							
	20	-	-	3/4	GAI-20S-12RG							
25	-	-	1	GAI-25S-16RG								



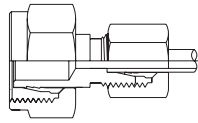
		Straight bulkhead fittings	Bulkhead elbow fittings	Weld fittings	Weld bulkhead fittings
					
Series	Tube OD	Part No.	Part No.	Part No.	Part No.
L Light	6	SV-6L	WSV-6L	AS-6L	ESV-6L
	8	SV-8L	WSV-8L	AS-8L	ESV-8L
	10	SV-10L	WSV-10L	AS-10L	ESV-10L
	12	SV-12L	WSV-12L	AS-12L	ESV-12L
	15	SV-15L	WSV-15L	AS-15L	ESV-15L
	18	SV-18L	WSV-18L	AS-18L	ESV-18L
	22	SV-22L	WSV-22L	AS-20L	ESV-20L
S Heavy	28	SV-28L	WSV-28L	AS-28L	ESV-28L
	6	SV-6S	WSV-6S	AS-6S	ESV-6S
	8	SV-8S	WSV-8S	AS-8S	ESV-8S
	10	SV-10S	WSV-10S	AS-10S	ESV-10S
	12	SV-12S	WSV-12S	AS-12S	ESV-12S
	14	SV-14S	WSV-14S	AS-14S	ESV-14S
	16	SV-16S	WSV-16S	AS-16S	ESV-16S
	20	SV-20S	WSV-20S	AS-20S	ESV-20S
	25	SV-25S	WSV-25S	AS-25S	ESV-25S

			Straight male stud fittings (metric parallel thread, form B)	Straight male stud fittings (metric thread with EOLASTIC sealing)
				
Series	Tube OD	Male metric thread	Part No.	Part No.
L Light	6	10x1	GE-6L-10MPB	GE-6L-10MEO
	8	12x1,5	GE-8L-12MPB	GE-8L-12MEO
	8	18x1,5	GE-8L-18MPB	-
	10	14x1,5	GE-10L-14MPB	GE-10L-14MEO
	10	16x1,5	GE-10L-16MPB	-
	10	18x1,5	GE-10L-18MPB	-
	10	22x1,5	GE-10L-22MPB	-
	12	14x1,5	GE-12L-14MPB	-
	12	16x1,5	GE-12L-16MPB	GE-12L-16MEO
	12	18x1,5	GE-12L-18MPB	GE-12L-18MEO
	12	22x1,5	GE-12L-22MPB	-
	15	16x1,5	GE-15L-16MPB	-
	15	18x1,5	GE-15L-18MPB	GE-15L-18MEO
	15	22x1,5	GE-15L-22MPB	GE-15L-22MEO
S Heavy	18	18x1,5	GE-18L-18MPB	-
	18	22x1,5	GE-18L-22MPB	GE-18L-22MEO
	22	22x1,5	GE-22L-22MPB	-
	22	26x1,5	GE-22L-26MPB	GE-22L-26MEO
	28	33x2	GE-28L-33MPB	GE-28L-33MEO
	6	12x1,5	GE-6S-12MPB	GE-6S-12MEO
	8	14x1,5	GE-8S-14MPB	GE-8S-14MEO
	10	16x1,5	GE-10S-16MPB	GE-10S-16MEO
	12	18x1,5	GE-12S-18MPB	GE-12S-18MEO
	12	22x1,5	GE-12S-22MPB	-
	14	20x1,5	GE-14S-20MPB	GE-14S-20MEO
16	18x1,5	GE-16S-18MPB	-	
16	22x1,5	GE-16S-22MPB	GE-16S-22MEO	
20	27x2	GE-20S-27MPB	GE-20S-27MEO	
25	33x2	GE-25S-33MPB	GE-25S-33MEO	

			Straight Reducers
			
Series	Tube OD	Reduced Tube OD	Part No.
L Light	8	6	GR-8L-6L
	10	6	GR-10L-6L
	10	8	GR-10L-8L
	12	6	GR-12L-6L
	12	8	GR-12L-8L
	12	10	GR-12L-10L
	15	10	GR-15L-10L
	15	12	GR-15L-12L
	18	10	GR-18L-10L
	18	12	GR-18L-12L
	18	15	GR-18L-15L
	22	12	GR-22L-12L
	22	15	GR-22L-15L
	22	18	GR-22L-18L
S Heavy	28	18	GR-28L-18L
	28	22	GR-28L-22L
	8	6	GR-8S-6S
	10	6	GR-10S-6S
	10	8	GR-10S-8S
	12	6	GR-12S-6S
	12	8	GR-12S-8S
	12	10	GR-12S-10S
	14	10	GR-14S-10S
	14	12	GR-14S-12S
	16	12	GR-16S-12S
	16	14	GR-16S-14S
	20	10	GR-20S-10S
	20	12	GR-20S-12S
20	16	GR-20S-16S	
25	16	GR-25S-16S	
25	20	GR-25S-20S	

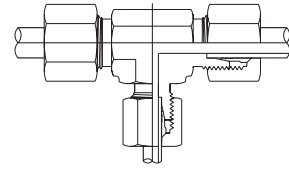


Reducing Standpipes

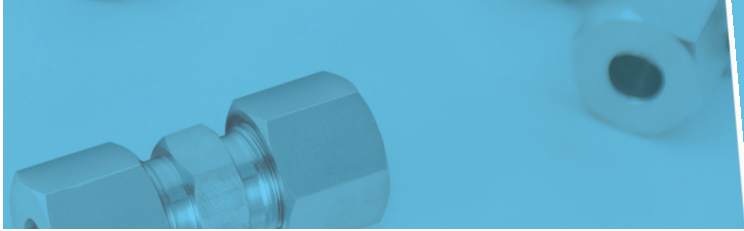


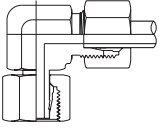
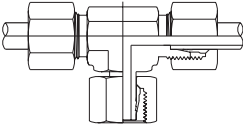
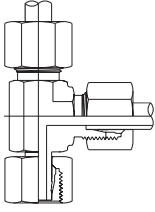
Series	Tube OD	Reduced Tube OD	Part No.
L Light	8	6	KOR-8L-6L
	10	6	KOR-10L-6L
	10	8	KOR-10L-8L
	12	6	KOR-12L-6L
	12	8	KOR-12L-8L
	12	10	KOR-12L-10L
	15	6	KOR-15L-6L
	15	8	KOR-15L-8L
	15	10	KOR-15L-10L
	15	12	KOR-15L-12L
	18	6	KOR-18L-6L
	18	8	KOR-18L-8L
	18	10	KOR-18L-10L
	18	12	KOR-18L-12L
	18	15	KOR-18L-15L
	22	6	KOR-22L-6L
	22	8	KOR-22L-8L
	22	10	KOR-22L-10L
	22	12	KOR-22L-12L
	22	15	KOR-22L-15L
	22	18	KOR-22L-18L
	28	6	KOR-28L-6L
	28	8	KOR-28L-8L
	28	10	KOR-28L-10L
	28	12	KOR-28L-12L
	28	15	KOR-28L-15L
28	18	KOR-28L-18L	
28	22	KOR-28L-22L	
S Heavy	8	6	KOR-8S-6S
	10	6	KOR-10S-6S
	10	8	KOR-10S-8S
	12	6	KOR-12S-6S
	12	8	KOR-12S-8S
	12	10	KOR-12S-10S
	14	6	KOR-14S-6S
	14	8	KOR-14S-8S
	14	10	KOR-14S-10S
	14	12	KOR-14S-12S
	16	6	KOR-16S-6S
	16	8	KOR-16S-8S
	16	10	KOR-16S-10S
	16	12	KOR-16S-12S
	16	14	KOR-16S-14S
	20	6	KOR-20S-6S
	20	8	KOR-20S-8S
	20	10	KOR-20S-10S
	20	12	KOR-20S-12S
	20	14	KOR-20S-14S
	20	16	KOR-20S-16S
	25	6	KOR-25S-6S
	25	8	KOR-25S-8S
	25	10	KOR-25S-10S
	25	12	KOR-25S-12S
	25	14	KOR-25S-14S
25	16	KOR-25S-16S	
25	20	KOR-25S-20S	

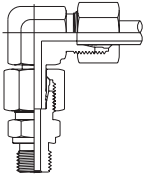
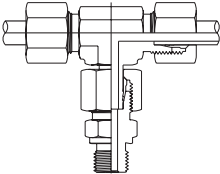
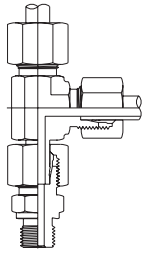
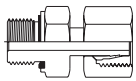
Tee Reducers

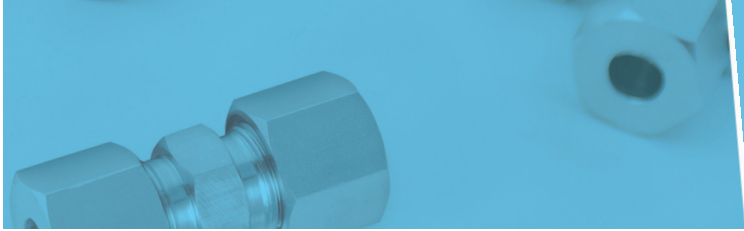


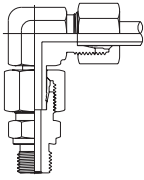
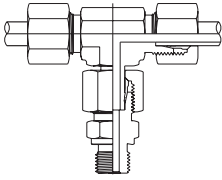
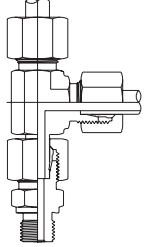
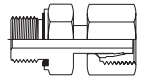
Series	Tube OD 1	Tube OD 2	Tube OD 3	Part No.
L Light	6	8	6	TR-6-8-6/L
	8	6	8	TR-8-6-8/L
	6	10	6	TR-6-10-6/L
	8	10	8	TR-8-10-8/L
	10	6	10	TR-10-6-10/L
	10	8	10	TR-10-8-10/L
	10	10	6	TR-10-10-6/L
	8	12	8	TR-8-12-8/L
	12	6	12	TR-12-6-12/L
	12	8	8	TR-12-8-8/L
	12	8	12	TR-12-8-12/L
	12	10	10	TR-12-10-10/L
	12	10	12	TR-12-10-12/L
	12	12	10	TR-12-12-10/L
	10	15	10	TR-10-15-10/L
	12	15	12	TR-12-15-12/L
	15	6	15	TR-15-6-15/L
	15	10	15	TR-15-10-15/L
	15	12	12	TR-15-12-12/L
	15	12	15	TR-15-12-15/L
	15	15	12	TR-15-15-12/L
	12	18	12	TR-12-18-12/L
	18	10	18	TR-18-10-18/L
	18	12	18	TR-18-12-18/L
	18	15	18	TR-18-15-18/L
	18	18	10	TR-18-18-10/L
	22	10	22	TR-22-10-22/L
	22	12	22	TR-22-12-22/L
	22	15	15	TR-22-15-15/L
	22	15	22	TR-22-15-22/L
	22	18	18	TR-22-18-18/L
	22	18	22	TR-22-18-22/L
22	22	18	TR-22-22-18/L	
28	10	28	TR-28-10-28/L	
28	12	28	TR-28-12-28/L	
28	15	28	TR-28-15-28/L	
28	18	28	TR-28-18-28/L	
28	22	22	TR-28-22-22/L	
28	22	28	TR-28-22-28/L	
S Heavy	10	6	10	TR-10-6-10/S
	12	8	8	TR-12-8-8/S
	12	8	12	TR-12-8-12/S
	12	10	12	TR-12-10-12/S
	12	16	12	TR-12-16-12/S
	16	6	16	TR-16-6-16/S
	16	8	16	TR-16-8-16/S
	16	10	16	TR-16-10-16/S
	16	12	16	TR-16-12-16/S
	16	20	16	TR-16-20-16/S
	20	10	20	TR-20-10-20/S
	20	12	20	TR-20-12-20/S
20	16	20	TR-20-16-20/S	
20	25	20	TR-20-25-20/S	
25	16	25	TR-25-16-25/S	
25	20	25	TR-25-20-25/S	

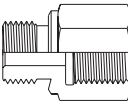
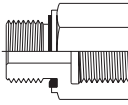


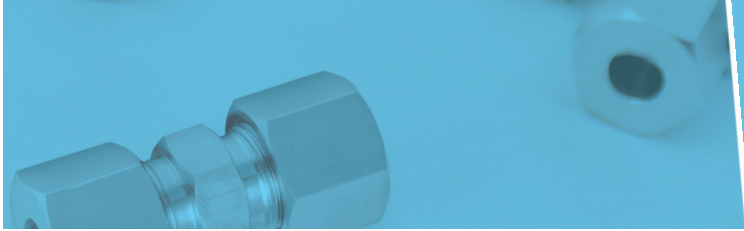
		Adjustable elbow fittings (for adaptations)	Adjustable Branch Tee fittings (for adaptations)	Adjustable Barrel Tee fittings (for adaptations)
				
Series	Tube OD	Part No.	Part No.	Part No.
L Light	6	EVW-6L	EVT-6L	EVL-6L
	8	EVW-8L	EVT-8L	EVL-8L
	10	EVW-10L	EVT-10L	EVL-10L
	12	EVW-12L	EVT-12L	EVL-12L
	15	EVW-15L	EVT-15L	EVL-15L
	18	EVW-18L	EVT-18L	EVL-18L
	22	EVW-22L	EVT-22L	EVL-22L
S Heavy	28	EVW-28L	EVT-28L	EVL-28L
	6	EVW-6S	EVT-6S	EVL-6S
	8	EVW-8S	EVT-8S	EVL-8S
	10	EVW-10S	EVT-10S	EVL-10S
	12	EVW-12S	EVT-12S	EVL-12S
	14	EVW-14S	EVT-14S	EVL-14S
	16	EVW-16S	EVT-16S	EVL-16S
	20	EVW-20S	EVT-20S	EVL-20S
25	EVW-25S	EVT-25S	EVL-25S	

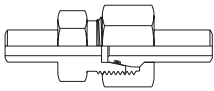
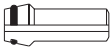
		Adjustable elbow fittings (metric parallel thread, form B)	Adjustable Tee fittings (metric parallel thread, form B)	Adjustable Barrel Tee fittings (metric parallel thread, form B)	Straight stud standpipes (for adaption) metric parallel thread with EOLASTIC sealing	
						
Series	Tube OD	Male Metric Thread	Part No.	Part No.	Part No.	Part No.
L Light	6	M10 x 1	EVW-6L-10MPB	EVT-6L-10MPB	EVL-6L-10MPB	EVGE-6L-10MEO
	8	M12 x 1.5	EVW-8L-12MPB	EVT-8L-12MPB	EVL-8L-12MPB	EVGE-8L-12MEO
	10	M14 x 1.5	EVW-10L-14MPB	EVT-10L-14MPB	EVL-10L-14MPB	EVGE-10L-14MEO
	12	M16 x 1.5	EVW-12L-16MPB	EVT-12L-16MPB	EVL-12L-16MPB	EVGE-12L-16MEO
	15	M18 x 1.5	EVW-15L-18MPB	EVT-15L-18MPB	EVL-15L-18MPB	EVGE-15L-18MEO
	18	M22 x 1.5	EVW-18L-22MPB	EVT-18L-22MPB	EVL-18L-22MPB	EVGE-18L-22MEO
	22	M26 x 1.5	EVW-22L-26MPB	EVT-22L-26MPB	EVL-22L-26MPB	EVGE-22L-26MEO
S Heavy	28	M33 x 2	EVW-28L-33MPB	EVT-28L-33MPB	EVL-28L-33MPB	EVGE-28L-33MEO
	6	M12 x 1.5	EVW-6S-12MPB	EVT-6S-12MPB	EVL-6S-12MPB	EVGE-6S-12MEO
	8	M14 x 1.5	EVW-8S-14MPB	EVT-8S-14MPB	EVL-8S-14MPB	EVGE-8S-14MEO
	10	M16 x 1.5	EVW-10S-16MPB	EVT-10S-16MPB	EVL-10S-16MPB	EVGE-10S-16MEO
	12	M18 x 1.5	EVW-12S-18MPB	EVT-12S-18MPB	EVL-12S-18MPB	EVGE-12S-18MEO
	14	M20 x 1.5	EVW-14S-20MPB	EVT-14S-20MPB	EVL-14S-20MPB	EVGE-14S-20MEO
	16	M22 x 1.5	EVW-16S-22MPB	EVT-16S-22MPB	EVL-16S-22MPB	EVGE-16S-22MEO
	20	M27 x 2	EVW-20S-27MPB	EVT-20S-27MPB	EVL-20S-27MPB	EVGE-20S-27MEO
25	M33 x 2	EVW-25S-33MPB	EVT-25S-33MPB	EVL-25S-33MPB	EVGE-25S-33MEO	





		Adjustable elbow fittings (BSPP thread, form B)		Adjustable Tee fittings (BSPP thread, form B)		Adjustable Barrel Tee fittings (BSPP thread, form B)		Straight stud standpipes (for adaptations) BSPP thread with EOLASTIC sealing	
									
Series	Tube OD	Male BSPP Thread	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
L Light	6	1/8	EVW-6L-2RP	EVT-6L-2RP	EVL-6L-2RP	EVGE-6L-2EO			
	8	1/4	EVW-8L-4RP	EVT-8L-4RP	EVL-8L-4RP	EVGE-8L-4EO			
	10	1/4	EVW-10L-4RP	EVT-10L-4RP	EVL-10L-4RP	EVGE-10L-4EO			
	12	3/8	EVW-12L-6RP	EVT-12L-6RP	EVL-12L-6RP	EVGE-12L-6EO			
	15	1/2	EVW-15L-8RP	EVT-15L-8RP	EVL-15L-8RP	EVGE-15L-8EO			
	18	1/2	EVW-18L-8RP	EVT-18L-8RP	EVL-18L-8RP	EVGE-18L-8EO			
	22	3/4	EVW-22L-12RP	EVT-22L-12RP	EVL-22L-12RP	EVGE-22L-12EO			
	28	1	EVW-28L-16RP	EVT-28L-16RP	EVL-28L-16RP	EVGE-28L-16EO			
S Heavy	6	1/4	EVW-6S-4RP	EVT-6S-4RP	EVL-6S-4RP	EVGE-6S-4EO			
	8	1/4	EVW-8S-4RP	EVT-8S-4RP	EVL-8S-4RP	EVGE-8S-4EO			
	10	3/8	EVW-10S-6RP	EVT-10S-6RP	EVL-10S-6RP	EVGE-10S-6EO			
	12	3/8	EVW-12S-6RP	EVT-12S-6RP	EVL-12S-6RP	EVGE-12S-6EO			
	12	1/2	-	-	-	EVGE-12S-8EO			
	14	1/2	EVW-14S-8RP	EVT-14S-8RP	EVL-14S-8RP	EVGE-14S-8EO			
	16	1/2	EVW-16S-8RP	EVT-16S-8RP	EVL-16S-8RP	EVGE-16S-8EO			
	16	3/4	-	-	-	EVGE-16S-12EO			
	20	3/4	EVW-20S-12RP	EVT-20S-12RP	EVL-20S-12RP	EVGE-20S-12EO			
	25	1	EVW-25S-16RP	EVT-25S-16RP	EVL-25S-16RP	EVGE-25S-16EO			


		Reducing thread adaptors BSPP sealing : cutting face form B		Reducing thread adaptors BSPP sealing : EOLASTIC sealing	
					
Male BSPP thread	Female BSPP thread	Part No.	Part No.	Part No.	Part No.
1/8	1/4	RI-2RP-4RG	RI-2EO-4RG		
1/8	3/8	RI-2RP-6RG	RI-2EO-6RG		
1/4	1/8	RI-4RP-2RG	RI-4EO-2RG		
1/4	3/8	RI-4RP-6RG	RI-4EO-6RG		
1/4	1/2	RI-4RP-8RG	RI-4EO-8RG		
1/4	3/4	RI-4RP-12RG	RI-4EO-12RG		
3/8	1/8	RI-6RP-2RG	RI-6EO-2RG		
3/8	1/4	RI-6RP-4RG	RI-6EO-4RG		
3/8	1/2	RI-6RP-8RG	RI-6EO-8RG		
3/8	3/4	RI-6RP-12RG	RI-6EO-12RG		
1/2	1/8	RI-8RP-2RG	RI-8EO-2RG		
1/2	1/4	RI-8RP-4RG	RI-8EO-4RG		
1/2	3/8	RI-8RP-6RG	RI-8EO-6RG		
1/2	3/4	RI-8RP-12RG	RI-8EO-12RG		
1/2	1	RI-8RP-16RG	RI-8EO-16RG		
3/4	1/4	RI-12RP-4RG	RI-12EO-4RG		
3/4	3/8	RI-12RP-6RG	RI-12EO-6RG		
3/4	1/2	RI-12RP-8RG	RI-12EO-8RG		
3/4	1	RI-12RP-16RG	RI-12EO-16RG		
1	1/4	RI-16RP-4RG	RI-16EO-4RG		
1	3/8	RI-16RP-6RG	RI-16EO-6RG		
1	1/2	RI-16RP-8RG	RI-16EO-8RG		
1	3/4	RI-16RP-12RG	RI-16EO-12RG		



			WELD Fittings	WELD Nipples
				
Series	Tube Size	Hole Dia	Part No.	Part No.
PB 630	10	8	ASK-10/8	SKA-10/8
	10	7	ASK-10/7	SKA-10/7
	10	6	ASK-10/6	SKA-10/6
	12	9	ASK-12/9	SKA-12/9
	12	8	ASK-12/8	SKA-12/8
PB 400	12	7	ASK-12/7	SKA-12/7
	16	13	ASK-16/13	SKA-16/13
	16	12	ASK-16/12	SKA-16/12
	16	11	ASK-16/11	SKA-16/11
	16	10	ASK-16/10	SKA-16/10
	20	16	ASK-20/16	SKA-20/16
	20	15	ASK-20/15	SKA-20/15
	20	14	ASK-20/14	SKA-20/14
	20	12	ASK-20/12	SKA-20/12
	25	19	ASK-25/19	SKA-25/19
	25	17	ASK-25/17	SKA-25/17
	25	15	ASK-25/15	SKA-25/15

Blanking plugs for port tappings			
			
Male Metric Thread	Part No.	Male BSPP Thread	Part No.
M10 x 1	VSTI-10M	1/8	VSTI-2EO
M12 x 1.5	VSTI-12M	1/4	VSTI-4EO
M14 x 1.5	VSTI-14M	3/8	VSTI-6EO
M16 x 1.5	VSTI-16M	1/2	VSTI-8EO
M18 x 1.5	VSTI-18M	3/4	VSTI-12EO
M20 x 1.5	VSTI-20M	1	VSTI-16EO
M22 x 1.5	VSTI-22M	-	-
M26 x 1.5	VSTI-26M	-	-
M27 x 2	VSTI-27M	-	-
M33 x 2	VSTI-33M	-	-

Blanking plugs for port tappings (according to ISO 6149/DIN 3582-T3)	
	
Male Metric Thread	Part No.
M10 x 1	VSTI-10M-OR
M12 x 1.5	VSTI-12M-OR
M14 x 1.5	VSTI-14M-OR
M16 x 1.5	VSTI-16M-OR
M18 x 1.5	VSTI-18M-OR
M20 x 1.5	VSTI-20M-OR
M22 x 1.5	VSTI-22M-OR
M26 x 1.5	VSTI-26M-OR
M27 x 2	VSTI-27M-OR
M33 x 2	VSTI-33M-OR

SPECIAL WELD NIPPLES (REDUCERS)			
			
Series	Tube Connection	Reduced Tube Connection	Part No.
S Heavy	10	6	SKAR-10-6
	10	8	SKAR-10-8
	12	8	SKAR-12-8
	12	10	SKAR-12-10
	16	12	SKAR-16-12
	20	12	SKAR-20-12
	20	16	SKAR-20-16
	25	16	SKAR-25-16
	25	20	SKAR-25-20
	25	15	SKAR-25-15

INSTALLATION INSTRUCTION

1. Ensure that the end of Tube is cut square within $\pm 1/2^\circ$ angle to the tube axis, and remove the burrs and sharp edges.
2. Lubricate the thread and cone of the fitting body, Bite Ring and thread of the Nut.
3. Insert the Nut and Bite Ring over tube end.
4. Screw on Nut manually on to fittings body until finger tight, hold tube against the shoulder in the cone of fitting body.
5. Tighten the Nut with wrench $1\frac{1}{2}$ turn from the finger tight position as shown in fig. (a)
6. Loosen the Nut, remove the tube from the

fitting, check penetration of cutting edge. A visible collar fills space in front of first cutting edge completely. It does not matter even Bite ring rotate on tube end.

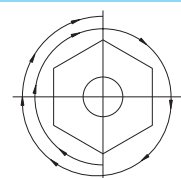


fig. (a)

7. Final assembly: Tighten the Nut until a sharp condition rise in torque is felt.

Reassembly :

Each time the fitting is disassembled, the nut must be retightened firmly using the same torque as required for final assembly.



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