

Weld Fittings

Weld nipple fittings with an O-ring seal between weld nipple and fitting body give impressive tear out resistance and sealing integrity.

Weld nipples SKA conform with DIN 3865 form A.

Fitting bodies and nuts are fully interchangeable for weld nipple and for 2/progressive ring fittings of the same series and external tube diameter.

Materials and surface protection:

Steel phosphated and oiled, O-ring of NBR (e.g. Perbunan). Stainless steel 1.4571, O-ring of FPM (e.g. Viton)

Welding suitability and weldability

Weld nipples, tube bend weld nipples and ASK types made of steel are weldable according to usual techniques. Types made of 1.4571 (stainless) are suitable for arc welding. The welding filler should be selected in accordance with DIN 8556 part 1 with consideration of the type of application and the welding technique.

Tube recommendation

We recommend the use of tubes in steel and stainless steel as illustrated in this catalogue.

Nominal Pressure (PN) of complete weld nipple fittings

The nominal working pressure (PN) of a complete weld nipple fitting is dependant upon the least rated component, i.e. tube, weld nipple or fitting. The component out of these three with the lowest rated pressure or working pressure determines the nominal pressure (PN) of the complete fitting.

Permissible temperature range:

For weld nipples, tube bends with weld nipples and ASK types of steel with O-rings of

NBR (e.g. Perbunan): -35°C to + 100°C

FPM (e.g.viton): -25°C to + 200°C

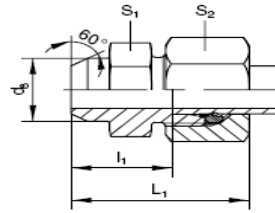
without pressure reductions.

For temperature range and necessary pressure reductions for weld nipples, weld nipple fittings and ASK types of 1.4571, see corresponding page.

Fitting assembly:

1. Cut off the tube square, deburr and bevel the end of the tube in conformance with DIN 2559.
2. Slide nut onto the weld nipple.
3. Weld nipple to the tube according to normal welding procedure. The tube and nipple must be aligned.
Before welding, please remove the nut.
4. Dress the weld on the inside and outside.
5. Fit the O-ring without twisting. The taper, the nut and the cone must all be clean.
6. Oil the nut, taper and cone and thread before assembly
7. Screw on the nut by hand. Fully tighten using a spanner with 1/4 to 1/2 turns.

Make sure that the tube with the weld nipple is assembled straight and without in built stress.



Tube End / Butt Weld

Series	Tube O.D.	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L1	I 1	S1	S2	d8	Weight gr/1 piece
L	06	VE AS 6L	315	500	29	14.0	12	14	10	22
	08	VE AS 8L	315	500	31	16.0	14	17	12	33
	10	VE AS 10L	315	500	33	18.0	17	19	14	43
	12	VE AS 12L	315	400	33	18.0	19	22	16	55
	15	VE AS 15L	315	400	37	22.0	22	27	19	90
	18	VE AS 18L	315	400	40	23.5	27	32	22	134
	22	VE AS 22L	160	250	45	28.5	32	36	27	188
	28	VE AS 28L	160	250	47	30.5	41	41	32	263
	35	VE AS 35L	160	250	54	32.5	46	50	40	388
42	VE AS 42L	160	250	58	35.0	55	60	46	561	
S	06	VE AS 6S	630	900	34	19.0	14	17	11	40
	08	VE AS 8S	630	900	36	21.0	17	19	13	54
	10	VE AS 10S	630	900	39	22.5	19	22	15	75
	12	VE AS 12S	630	900	41	24.5	22	24	17	93
	14	VE AS 14S	630	700	45	27.0	24	27	19	127
	16	VE AS 16S	400	630	45	26.5	27	30	21	153
	20	VE AS 20S	400	630	51	29.5	32	36	26	244
	25	VE AS 25S	400	630	56	32.0	41	46	31	434
	30	VE AS 30S	400	420	62	35.5	46	50	36	535
38	VE AS 38S	315	420	69	38.0	55	60	44	809	

Without nut and ring:

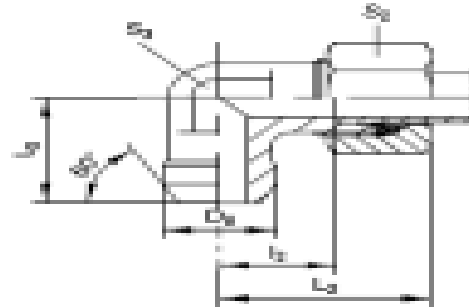
Example

AS06LX

AS06LX

AS06L71X

AS06L71X



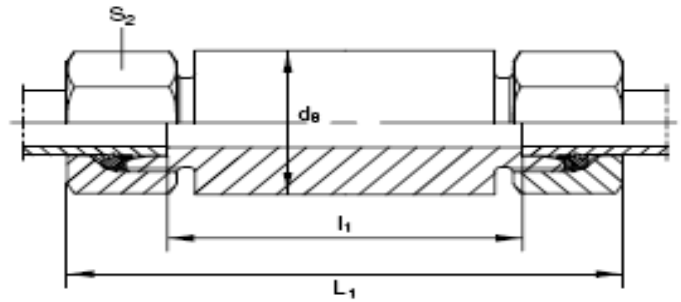
Tube End / Butt Weld

Series	Tube O.D.	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L2	I2	L3	S2	S3	D8	Weight gr./1 piece
L	06	VE WAS 6L	315	500	27	12.0	19	14	12	10	30
	08	VE WAS 8L	315	500	29	14.0	23	17	12	12	36
	10	VE WAS 10L	315	500	30	15.0	24	19	14	14	52
	12	VE WAS 12L	315	400	32	17.0	25	22	17	16	73
	15	VE WAS 15L	315	400	36	21.0	30	27	19	19	120
	18	VE WAS 18L	315	400	40	23.5	33	32	24	22	166
	22	VE WAS 22L	160	250	44	27.5	37	36	27	27	246
	28	VE WAS 28L	160	250	47	30.5	42	41	36	32	347
	35	VE WAS 35L	160	250	56	34.5	49	50	41	40	612
	42	VE WAS 42L	160	250	63	40.0	57	60	50	46	846
S	06	VE WAS 6S	630	900	31	16.0	23	17	12	11	52
	08	VE WAS 8S	630	900	32	17.0	24	19	14	13	64
	10	VE WAS 10S	630	900	34	17.5	25	22	17	15	97
	12	VE WAS 12S	630	900	38	21.5	29	24	17	17	108
	14	VE WAS 14S	630	700	40	22.0	30	27	19	19	153
	16	VE WAS 16S	400	630	43	24.5	33	30	24	21	189
	20	VE WAS 20S	400	500	48	26.5	37	36	27	26	303
	25	VE WAS 25S	400	500	54	30.0	42	46	36	31	580
	30	VE WAS 30S	400	420	62	35.5	49	50	41	36	744
	38	VE WAS 38S	315	420	72	41.0	57	60	50	44	989

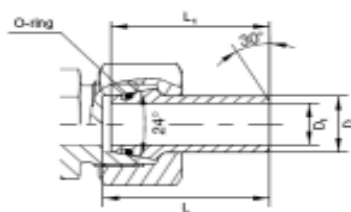
Without Nut
Example

WAS06LX

WAS06LX

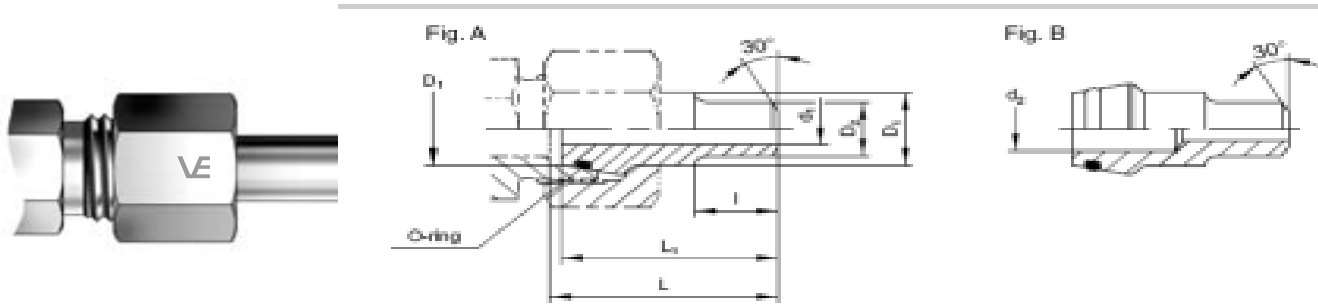


Series	Tube O.D.	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L1	l1	S2	d8	Weight gr./1 piece
L	06	VE ESV 6L	315	500	85	56	14	18	126
	08	VE ESV 8L	315	500	85	56	17	20	156
	10	VE ESV 10L	315	500	87	58	19	22	184
	12	VE ESV 12L	315	400	87	58	22	25	234
	15	VE ESV 15L	315	400	100	70	27	28	355
	18	VE ESV 18L	315	400	101	69	32	32	469
	22	VE ESV 22L	160	250	105	73	36	36	572
	28	VE ESV 28L	160	250	106	73	41	40	645
	35	VE ESV 35L	160	250	114	71	50	50	1025
	42	VE ESV 42L	160	250	115	70	60	60	1475
S	06	VE ESV 6S	630	900	89	60	17	20	174
	08	VE ESV 8S	630	900	89	60	19	22	208
	10	VE ESV 10S	630	900	91	59	22	25	268
	12	VE ESV 12S	630	900	91	59	24	28	324
	14	VE ESV 14S	630	700	107	72	27	30	451
	16	VE ESV 16S	400	630	107	71	30	35	584
	20	VE ESV 20S	400	630	114	71	36	38	737
	25	VE ESV 25S	400	630	120	72	46	45	1151
	30	VE ESV 30S	400	420	126	73	50	50	1348
	38	VE ESV 38S	315	420	133	72	60	60	1970

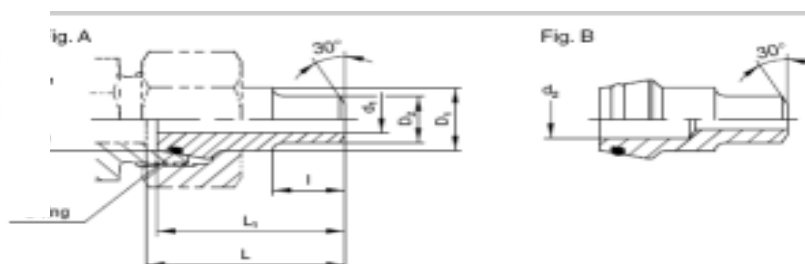


Series	Tube O.D.	Seamless steel tube St 37.4	VE-LOCK® PART CODE	W.P. MAX IN BAR	L	L1	D	D1	O-ring Shore-Hardness approx. 90	Weight gr./1 piece
L/S	06	6x1.5	WNO 6 x 1.5	550	31.5	31.0	6	3.0	4.5X1.5X	7
	08	8x1.5	WNO 8x1.5	430	31.5	31.0	8	4.5	6.5X1.5X	11
	08	8x2.0	WNO 8x2.0	550	31.5	31.0	8	4.0	6.5X1.5X	11
	10	10x1.0	WNO 10x1.0	280	33.5	32.5	10	8.0	8.0X1.5X	13
	10	10x1.5	WNO 10x1.5	370	33.5	32.5	10	7.0	8.0X1.5X	13
	10	10x2.0	WNO 10x2.0	480	33.5	32.5	10	6.0	8.0X1.5X	16
	12	12x1.5	WNO 12x1.5	350	33.5	32.5	12	9.0	10.0X1.5X	20
	12	12x2.0	WNO 12x2.0	400	33.5	32.5	12	8.0	10.0X1.5X	20
L	12	12x2.5	WNO 12x2.5	500	33.5	32.5	12	7.0	10.0X1.5X	22
	15	15x2.0	WNO 15x2.0	370	34.5	34.0	15	11.0	12.0X2.0X	3
	15	15x2.5	WNO 15x2.5	410	34.5	34.0	15	10.0	12.0X2.0X	31
	18	18x2.5	WNO 18x2.5	390	36.5	35.5	18	13.0	15.0X2.0X	37
	22	22x2.5	WNO 22x2.5	320	39.5	38.5	22	17.0	20.0X2.0X	51
	28	28x2.5	WNO 28x2.5	250	42.5	41.5	28	23.0	26.0X2.0X	82
	28	28x3.0	WNO 28x3.0	300	42.5	41.5	28	22.0	26.0X2.0X	88
	35	35x3.5	WNO 35x3.5	280	49.5	47.5	35	28.0	32.0X2.5X	140
	35	35x4.0	WNO 35x4.0	320	49.5	47.5	35	27.0	32.0X2.5X	150
	42	42x3.0	WNO 42x3.0	200	50.0	47.5	42	36.0	38.0X2.5X	170
S	42	42x4.0	WNO 42x4.0	270	50.0	47.5	42	34.0	38.0X2.5X	190
	14	14x2.0	WNO 14x2.0	400	39.5	38.5	14	10.0	11.0X2.0X	26
	14	14x3.0	WNO 14x3.0	500	39.5	38.5	14	8.0	11.0X2.0X	33
	16	16x1.5	WNO 16x1.5	260	40.5	39.0	16	13.0	13.0X2.0X	30
	16	16x2.0	WNO 16x2.0	350	40.5	39.0	16	12.0	13.0X2.0X	31
	16	16x2.5	WNO 16x2.5	390	40.5	39.0	16	11.0	13.0X2.0X	35
	16	16x3.0	WNO 16x3.0	450	40.5	39.0	16	10.0	13.0X2.0X	41
	20	20x2.0	WNO 20x2.0	280	47.0	45.0	20	16.0	16.3X2.4X	57
	20	20x2.5	WNO 20x2.5	350	47.0	45.0	20	15.0	16.3X2.4X	57
	20	20x3.0	WNO 20x3.0	370	47.0	45.0	20	14.0	16.3X2.4X	64
	20	20x3.5	WNO 20x3.5	430	47.0	45.0	20	13.0	16.3X2.4X	73
	20	20x4.0	WNO 20x4.0	480	47.0	45.0	20	12.0	16.3X2.4X	78
	25	25x3.0	WNO 25x3.0	340	53.0	49.5	25	19.0	20.3X2.4X	89
	25	25x3.5	WNO 25x3.5	360	53.0	49.5	25	18.0	20.3X2.4X	102
	25	25x4.0	WNO 25x4.0	390	53.0	49.5	25	17.0	20.3X2.4X	111
	25	25x5.0	WNO 25x5.0	480	53.0	49.5	25	15.0	20.3X2.4X	125
	30	30x3.0	WNO 30x3.0	280	57.0	52.0	30	24.0	25.3X2.4X	113
	30	30x4.0	WNO 30x4.0	380	57.0	52.0	30	22.0	25.3X2.4X	141
	30	30x5.0	WNO 30x5.0	410	57.0	52.0	30	20.0	25.3X2.4X	166
	30	30x6.0	WNO 30x6.0	480	57.0	52.0	30	18.0	25.3X2.4X	188
38	38x3.0	WNO 38x3.0	220	64.0	56.5	38	32.0	33.3X2.4X	165	
38	38x4.0	WNO 38x4.0	300	64.0	56.5	38	30.0	33.3X2.4X	209	
38	38x5.0	WNO 38x5.0	370	64.0	56.5	38	28.0	33.3X2.4X	252	
38	38x6.0	WNO 38x6.0	390	64.0	56.5	38	26.0	33.3X2.4X	270	
38	38x7.0	WNO 38x7.0	450	64.0	56.5	38	24.0	33.3X2.4X	303	

O - ring - NBR RING WILL BE GIVEN. (VITON ONLY ON REQUEST WITH EXTRA CHARGE)

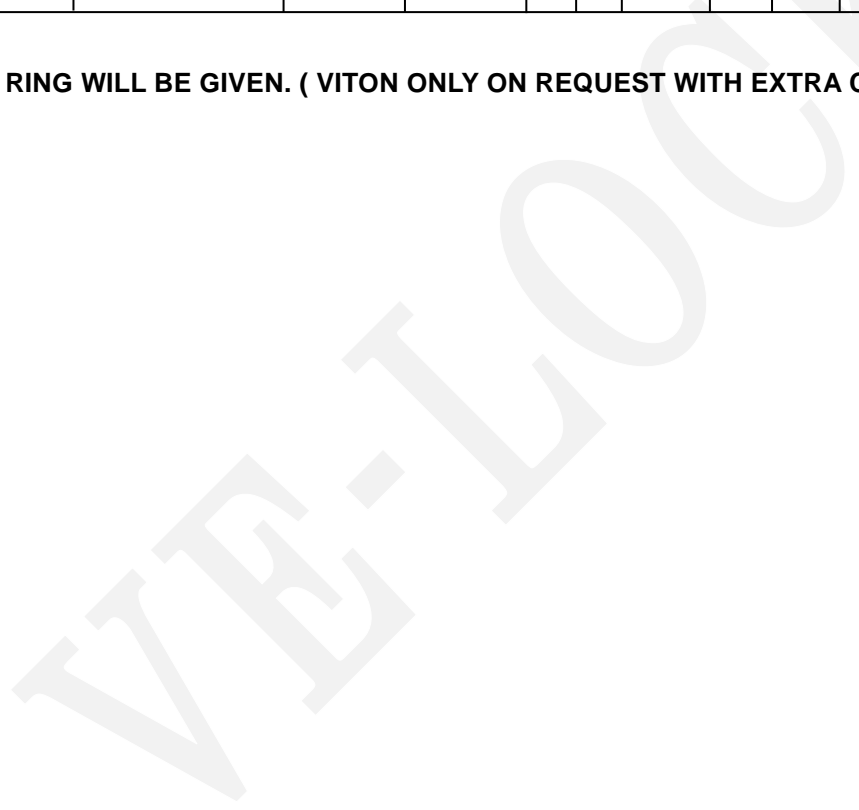


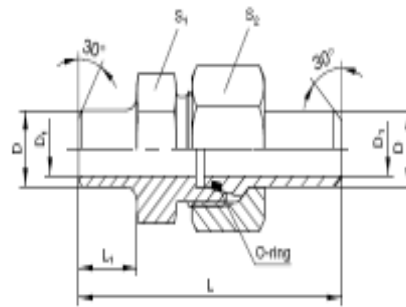
Series	Tube O.D.		VELOCK® PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	d1	d2	l	l1	l	Flg	O-ring shore- Hardness approx 90	Weight gr/1 piece
	D1	D2											
L and S	08	06	VE WNO R 8 - 6	528	550	3		31.5	31.0	12	A	6.5X1.5	14
	10	06	VE WNO R 10 - 6	528	550	3		33.5	32.5	12	B	8.0X1.5	15
	10	08	VE WNO R 10 - 8	414	430	5	5	33.5	32.5	12	A	8.0X1.5	16
	10	08	VE WNO R 10 - 8	528	550	4		33.5	32.5	12	A	8.0X1.5	17
	12	08	VE WNO R 12 - 8	414	430	5		33.5	32.5	14	A	10.0X1.5	18
	12	08	VE WNO R 12 - 8	528	550	4	6	33.5	32.5	14	B	10.0X1.5	20
S	12	10	VE WNO R 12 - 10	358	370	7		33.5	32.5	14	A	10.0X1.5	18
	16	10	VE WNO R 16 -10	460	480	6		40.5	39.0	15	A	13.0X2.0	43
	16	12	VE WNO R 16 -12	305	350	9		40.5	39.0	15	A	13.0X2.0	45
	16	12	VE WNO R 16 - 12	393	410	8		40.5	39.0	15	A	13.0X2.0	47
	16	12	VE WNO R 16 - 12	476	500	7		40.5	39.0	15	A	13.0X2.0	49
	16	12	VE WNO R 16 - 12	553	580	6		40.5	39.0	15	A	13.0X2.0	51
	20	12	VE WNO R 20 - 12	305	350	9		47.0	45.0	17	A	16.3X2.4	76
	20	12	VE WNO R 20 - 12	393	410	8		47.0	45.0	17	A	16.3X2.4	78
	20	12	VE WNO R 20 - 12	476	490	7		47.0	45.0	17	A	16.3X2.4	80
	20	12	VE WNO R 20 - 12	460	480	6	12	47.0	45.0	17	B	16.3X2.4	82
	20	16	VE WNO R 20 - 16	305	350	12		47.0	45.0	17	A	16.3X2.4	74
	20	16	VE WNO R 20 - 16	372	390	11		47.0	45.0	17	A	16.3X2.4	76
	20	16	VE WNO R 20 - 16	435	450	10		47.0	45.0	17	A	16.3X2.4	78
	25	12	VE WNO R 25 - 12	305	350	9		53.0	49.5	20	A	20.3X2.4	117
	25	12	VE WNO R 25 - 12	393	410	8		53.0	49.5	20	A	20.3X2.4	121
	25	12	VE WNO R 25 - 12	476	500	7		53.0	49.5	20	A	20.3X2.4	125
	25	12	VE WNO R 25 - 12	460	480	6	15	53.0	49.5	20	B	20.3X2.4	129
	25	16	VE WNO R 25 - 16	305	350	12		53.0	49.5	20	A	20.3X2.4	115
	25	16	VE WNO R 25 - 16	372	390	11		53.0	49.5	20	A	20.3X2.4	119
	25	16	VE WNO R 25 - 16	435	450	10		53.0	49.5	20	A	20.3X2.4	123
	25	20	VE WNO R 25 - 20	249	280	16		53.0	49.5	20	A	20.3X2.4	94
	25	20	VE WNO R 25 - 20	305	350	15		53.0	49.5	20	A	20.3X2.4	104
	25	20	VE WNO R 25 - 20	358	370	14		53.0	49.5	20	A	20.3X2.4	114
	25	20	VE WNO R 25 - 20	460	480	12		53.0	49.5	20	A	20.3X2.4	124
	30	12	VE WNO R 30 - 12	305	350	9	22	57.0	52.0	22	B	25.3X2.4	135
	30	12	VE WNO R 30 - 12	323	380	8	22	57.0	52.0	22	B	25.3X2.4	145
	30	12	VE WNO R 30 - 12	323	380	6	22	57.0	52.0	22	B	25.3X2.4	155
	30	16	VE WNO R 30 - 16	305	350	12		57.0	52.0	22	A	25.3X2.4	166
	30	16	VE WNO R 30 - 16	323	380	11	22	57.0	52.0	22	B	25.3X2.4	176
	30	20	VE WNO R 30 - 20	249	280	16		57.0	52.0	22	A	25.3X2.4	149
	30	20	VE WNO R 30 - 20	305	350	15		57.0	52.0	22	A	25.3X2.4	159
	30	20	VE WNO R 30 - 20	358	370	14		57.0	52.0	22	A	25.3X2.4	169
	30	20	VE WNO R 30 - 20	460	480	12		57.0	52.0	22	A	25.3X2.4	179
	30	25	VE WNO R 30 - 25	249	280	20		57.0	52.0	22	A	25.3X2.4	141
	30	25	VE WNO R 30 - 25	294	340	19		57.0	52.0	22	A	25.3X2.4	156
	30	25	VE WNO R 30 - 25	379	390	17		57.0	52.0	22	A	25.3X2.4	171
	38	12	VE WNO R 38 - 12	305	350	9	28	64.0	56.5	26	B	33.3X2.4	219
	38	12	VE WNO R 38 - 12	319	370	8	28	64.0	56.5	26	B	33.3X2.4	234
	38	12	VE WNO R 38 - 12	319	370	6	28	64.0	56.5	26	B	33.3X2.4	249
	38	16	VE WNO R 38 - 16	305	350	12		64.0	56.5	26	A	33.3X2.4	279
	38	16	VE WNO R 38 - 16	319	370	11	28	64.0	56.5	26	B	33.3X2.4	294



Series	Tube O.D.		VELOCK® PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	d1	d2	l	l1	l	Flg	O-ring shore- Hardness approx 90	Weight gr/1 piece
	D1	D2											
S	38	16	VE WNO R 38 - 16	319	270	10	28	64.0	56.5	26	B	33.3X2.4	309
	38	20	VE WNO R 38 - 20	249	280	16	28	64.0	56.5	26	B	33.3X2.4	263
	38	20	VE WNO R 38 - 20	305	350	15	28	64.0	56.5	26	B	33.3X2.4	278
	38	20	VE WNO R 38 - 20	319	370	14	28	64.0	56.5	26	B	33.3X2.4	293
	38	20	VE WNO R 38 - 20	319	370	12	28	64.0	56.5	26	B	33.3X2.4	308
	38	25	VE WNO R 38 - 25	249	280	20		64.0	56.5	26	A	33.3X2.4	242
	38	25	VE WNO R 38 - 25	294	340	19		64.0	56.5	26	A	33.3X2.4	262
	38	25	VE WNO R 38 - 25	319	370	17	28	64.0	56.5	26	B	33.3X2.4	285
	38	30	VE WNO R 38 - 30	249	280	24		64.0	56.5	26	A	33.3X2.4	256
	38	30	VE WNO R 38 - 30	323	380	22		64.0	56.5	26	A	33.3X2.4	286
38	30	VE WNO R 38 - 30	393	410	20		64.0	56.5	26	A	33.3X2.4	316	

O - ring - NBR RING WILL BE GIVEN. (VITON ONLY ON REQUEST WITH EXTRA CHARGE)



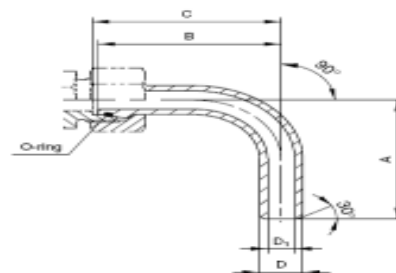
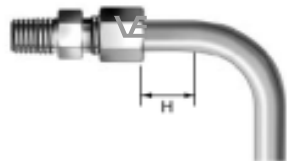


Series	Tube O.D.	Seamless steel tube	VELOCK® PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	S1	S2	L	L1	D	D1	O-ring Shore-Hardness approx. 90	Weight gr./1 piece
S	10	10x1.0	VE ASK 10x1.0	249	280	19	22	58.0	10.0	10	8	8.0X1.5	75
	10	10x1.5	VE ASK 10x1.5	358	370	19	22	58.0	10.0	10	7	8.0X1.5	80
	10	10x2.0	VE ASK 10x2.0	460	480	19	22	58.0	10.0	10	6	8.0X1.5	85
	12	12x1.5	VE ASK 12x1.5	305	350	22	24	63.0	15.0	12	9	10.0X1.5	102
	12	12x2.0	VE ASK 12x2.0	393	410	22	24	63.0	15.0	12	8	10.0X1.5	105
	12	12x2.5	VE ASK 12x2.5	476	500	22	24	63.0	15.0	12	7	10.0X1.5	110
	16	16x1.5	VE ASK 16x1.5	234	260	27	30	73.5	16.5	16	13	13.0X2.0	154
	16	16x2.0	VE ASK 16x2.0	305	350	27	30	73.5	16.5	16	12	13.0X2.0	177
	16	16x2.5	VE ASK 16x2.5	372	390	27	30	73.5	16.5	16	11	13.0X2.0	190
	16	16x3.0	VE ASK 16x3.0	400	450	27	30	73.5	16.5	16	10	13.0X2.0	204
	20	20x2.0	VE ASK 20x2.0	249	280	32	36	83.5	19.0	20	16	16.3X2.4	301
	20	20x2.5	VE ASK 20x2.5	305	350	32	36	83.5	19.0	20	15	16.3X2.4	296
	20	20x3.0	VE ASK 20x3.0	358	370	32	36	83.5	19.0	20	14	16.3X2.4	302
	20	20x4.0	VE ASK 20x4.0	400	480	32	36	83.5	19.0	20	12	16.3X2.4	327
	25	25x3.0	VE ASK 25x3.0	294	340	41	46	92.5	19.5	25	19	20.3X2.4	572
	25	25x4.0	VE ASK 25x4.0	379	390	41	46	92.5	19.5	25	17	20.3X2.4	559
	25	25x5.0	VE ASK 25x5.0	400	480	41	46	92.5	19.5	25	15	20.3X2.4	589
	30	30x3.0	VE ASK 30x3.0	249	280	46	50	101.5	23.0	30	24	25.3X2.4	647
	30	30x4.0	VE ASK 30x4.0	323	380	46	50	101.5	23.0	30	22	25.3X2.4	691
	30	30x5.0	VE ASK 30x5.0	393	410	46	50	101.5	23.0	30	20	25.3X2.4	739
	30	30x6.0	VE ASK 30x6.0	400	420	46	50	101.5	23.0	30	18	25.3X2.4	791
	38	38x4.0	VE ASK 38x4.0	261	300	55	60	108.0	22.0	38	30	33.3X2.4	1005
	38	38x5.0	VE ASK 38x5.0	315	370	55	60	108.0	22.0	38	28	33.3X2.4	1062
	38	38x6.0	VE ASK 38x6.0	315	390	55	60	108.0	22.0	38	26	33.3X2.4	1129
	38	38x7.0	VE ASK 38x7.0	315	420	55	60	108.0	22.0	38	24	33.3X2.4	1205

O - ring FPM (e.g. Viton):

Example -

ORS.OX1.5VITX



Series	Tube O.D.	Seamless steel tube st. 37.4	PN (bar)	Pmax (bar)	D	D1	A	B	C	O-ring Shore-Hardness approx. 90	Weight gr./1 piece	Steel	Stainless steel
S	10	10x2	460	480	10	6	45	49	50.0	OR8.0X1.5X	33	SKA10X2RB	SKA10X2RB71
	12	12x2.5	476	500	12	7	50	51	52.0	OR10.0X1.5X	50	SKA12X2.5RB	SKA12X2.5RB71
	16	16x3	435	450	16	10	60	67	68.5	OR13.0X2.0X	105	SKA16X3RB	SKA16X3RB71
	20	20x4	460	480	20	12	65	85	87.0	OR16.3X2.4X	217	SKA20X4RB	SKA20X4RB71
	25	25x4	379	400	25	17	85	85	88.5	OR20.3X2.4X	295	SKA25X4RB	SKA25X4RB71
	25	25x5	460	480	25	15	85	85	88.5	OR20.3X2.4X	353	SKA25X5RB	SKA25X5RB71
	30	30x4	323	380	30	22	110	111	116.0	OR25.3X2.4X	469	SKA30X4RB	SKA30X4RB71
	30	30x5	393	410	30	20	110	111	116.0	OR25.3X2.4X	568	SKA30X5RB	SKA30X5RB71
	38	38x5	319	370	38	28	130	136	143.5	OR33.3X2.4X	876	SKA38X5RB	SKA38X5RB71
	38	38x6	375	390	38	26	130	136	143.5	OR33.3X2.4X	1045	SKA38X6RB	SKA38X6RB71

O-ring FPM (e. g. Viton):

Example

OR8.0X1.5VITX

OR8.0X1.5VITX

S/W TEE

Sizes	IN MM	A	B	A+ A	A + B/2	B1				LAB							
1/4" NB	13.5	21	22	47	37	27	374.08	55	20.57	25	45.57	2.28	47.85	19.14	66.99	36.85	103.84
3/8 " NB	17.2	25	27	55	43.5	32	609.97	55	33.55	35	68.55	3.43	71.98	28.79	100.77	55.42	156.19
1/2" NB	21.3	29	34	63	51	39	998.35	55	54.91	50	104.91	5.25	110.15	44.06	154.22	84.82	239.04
3/4" NB	26.9	34	39	73	58.5	44	1497.06	55	82.34	75	157.34	7.87	165.20	66.08	231.29	127.21	358.49
1" NB	33.4	38	47	81	66.5	52	2231.60	55	122.74	100	222.74	11.14	233.87	93.55	327.42	180.08	507.51
1.25 " NB	42.3	45	57	95	78.5	62	3683.76	55	202.61	150	352.61	17.63	370.24	148.09	518.33	285.08	803.41
1.5 " NB	48.3	51	63	107	87.5	68	5072.33	55	278.98	200	478.98	23.95	502.93	201.17	704.10	387.25	1091.35
2 " NB	60.3	61	76	127	104	81	8523.71	55	468.80	250	718.80	35.94	754.74	301.90	1056.64	581.15	1637.79
3 " NB	88.9	83	110	171	143	115	22404.56	55	1232.25	700	1932.25	96.61	2028.86	811.55	2840.41	1562.22	4402.63
4" NB	114.3	115	152	235	196	157	57614.26	55	3168.78	800	3968.78	198.44	4167.22	1666.89	5834.11	3208.76	9042.88
5" NB	140	145	190	295	245	195	112286.91	55	6175.78	1000	7175.78	358.79	7534.57	3013.83	10548.40	5801.62	16350.02
6 " NB	168			5	5	5	1.00	220	0.22	400	400.22	20.01	420.23	168.09	588.32	323.58	911.90
8 " NB	219			5	5	5	1.00	220	0.22	750	750.22	37.51	787.73	315.09	1102.82	606.55	1709.37
10 ' NB	273			5	5	5	1.00	220	0.22	1000	1000.22	50.01	1050.23	420.09	1470.32	808.68	2279.00

S/W COUPLINGS

Sizes	IN MM																
1/4" NB	13.5	21	4	25	26	5	31	120.6967213	200	24.13934426	20	44.139	13.242	57.3811	31.56	88.94	
3/8 " NB	17.2	25	4	29	26	5	31	162.4095082	200	32.48190164	25	57.482	17.245	74.7265	41.10	115.83	
1/2" NB	21.3	31	4	35	29	5	34	259.4590164	200	51.89180328	30	81.892	24.568	106.459	58.55	165.01	
3/4" NB	26.9	36	4	40	36	5	41	408.6557377	200	81.73114754	35	116.731	35.019	151.75	83.46	235.21	
1" NB	33.4	45	4	49	40	5	45	673.0672131	200	134.6134426	40	174.613	52.384	226.997	124.85	351.85	
1.25 " NB	42.3	55	4	59	40	5	45	975.8213115	200	195.1642623	50	245.164	73.549	318.714	175.29	494.01	
1.5 " NB	48.3	60	4	64	40	5	45	1148.222951	200	229.6445902	60	289.645	86.893	376.538	207.10	583.63	
2 " NB	60.3	75	4	79	51	5	56	2177.188197	200	435.4376393	75	510.438	153.131	663.569	364.96	1028.53	
3 " NB	88.9	108	4	112	51	5	56	4376.005246	200	875.2010492	80	955.201	286.560	1241.76	682.97	1924.73	
4" NB	114.3	135	4	139	60	5	65	7823.421311	200	1564.684262	100	1664.684	499.405	2164.09	1190.25	3354.34	
5" NB	140																
6 " NB	168																
8 " NB	219																
10 ' NB	273																