

SG-LOK UHP

Weld Fittings & Metal Face Seal Fittings



Samwon Green Co., Ltd.
101, Mayu-ro 20beon-gil, Siheung-si, Gyeonggi-do, Republic of Korea
Tel. 031-431-3452 / Fax. 031-431-3460

How To order

SG-LOK weld fittings are ordered by part number as shown below.

Example: The following part number, HMGS-0804-DM-EP is designated for Micro Gland S, 1/2" VCR, 1/4" Tube O.D., Double Melting SS316L, Electro Polished.

H	MGS	08	04	DM	EP
SG-LOK Clean Fitting	Fitting Type	Connection Size	Connection Size	Material	Surface Finish Level

Fitting Type	Refer to the part number in the dimension table.
--------------	--

Connection Size							
Fractional (Inch) Tube O.D. Designation							
Tube O.D.	inch	1/8	1/4	3/8	1/2	3/4	1
	mm	3.17	6.35	9.52	12.7	19.05	25.4
Designator		02	04	06	08	12	16
VCR (Metal Face Seal) Size Designator							
VCR Size		1/4	1/2	3/4	1		
Designator		04	08	12	16		

Materials		
DM	SS316L - Double	Melting
SM	SS316L - Single	Melting
SL	SS316L	
NI	Nickel	

Surface Finish Level		
BA	BA - Bright	Annealing
EP	EP - Electro	Polished

Typical Assemblies



= Weld Fittings & Metal Face Seal Fittings INDEX =

Weld Fittings

HME	Micro Elbow 90°	156
HMRE	Micro Reducing Elbow 90°	156
HMVE	Micro Elbow 45°	156
HMT	Micro Tee	156
HMRT	Micro Reducing Tee	157
HMTB	Micro Tribow	157
HMC	Micro Cross	157
HMRU	Micro Reducing Union	157
HLE	Long Elbow 90°	158
HLRE	Long Reducing Elbow 90°	158
HLT	Long Tee	158
HLRT	Long Reducing Tee	158
HLRU	Long Reducing Union	159

Metal Face Seal (VCR) Fittings - Glands

HMGS	Micro Gland S	160
HMGL	Micro Gland L	160
HSGS	Short Gland S	160
HSGL	Short Gland L	160
HLGS	Long Gland S	161
HLGL	Long Gland S	161
HSGSW	Short Gland Socket Weld	162
HLGSW	Long Gland Socket Weld	162
HLGRSW	Long Gland Reducing Socket Weld	162
HBG	Blind Gland	162

Metal Face Seal (VCR) Fittings - Caps, Plugs, Nuts & Gaskets

HCP	VCR Cap	163
HP	VCR Plug	163
HFN	VCR Female Nut	163
HMN	VCR Male Nut	163
HGT	VCR Gasket	164
HGTR	VCR Gasket Retained	164
HGTB	VCR Gasket Blind	164

Metal Face Seal (VCR) Fittings - High Flow Components

HHG	High Flow Gland	165
HHA	High Flow Adapter	165
HHBA	High Flow Bulkhead Adapter	165
HHFN	High Flow Female Nut	165
HHMN	High Flow Male Nut	165

VCR Threaded Fittings - VCR to VCR

HDMU	Double Male Union	166
HDRMU	Double Reducing Male Union	166
HDBMU	Double Bulkhead Male Union	166
HDRFU	Double Reducing Female Union	166
HUE	Union Elbow	167
HUT	Union Tee	167
HUC	Union Cross	167
HRA	Reducing Adapter	168
HRB	Reducing Bushing	168
HC	Coupling	168

VCR Threaded Fittings - VCR to TBW (Tube Butt Weld)

HBWA	TBW Adapter	169
HBWBA	TBW Bulkhead Adapter	169

VCR Threaded Fittings - VCR to SG-LOK

HGC	SG-LOK Connector	169
HGBC	SG-LOK Bulkhead Connector	169

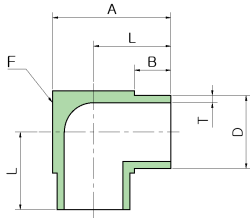
VCR Threaded Fittings - VCR to Thread

HUMC	VCR Male Connector	170
HUME	VCR Male Elbow	170
HUFC	VCR Female Connector	170

[Weld Fittings]

HME

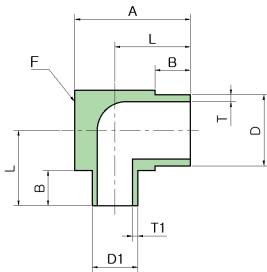
Micro Elbow 90°



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)		Body Cube	
	inch	mm	inch	mm	A	B	L	F
HME-02-	1/8	3.17	0.028	0.71	14.29	6.35	10.32	7.94
HME-04-	1/4	6.35	0.039	1				
HME-06-	3/8	9.52		1	17.46		11.91	11.11
HME-08-	1/2	12.7	0.049	1.24	20.64		13.5	14.29
HME-12-	3/4	19.05	0.065	1.65	27		16.67	20.65

HMRE

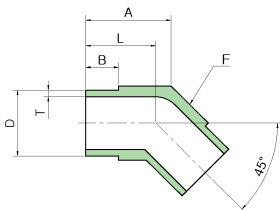
Micro Reducing Elbow 90°



Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)		Body Cube	
	inch	mm	inch	mm	inch	mm	inch	mm	A	B	L	F
HMRE-0402-	1/4	6.35	0.039	1	1/8	3.17	0.028	0.71	14.29	6.35	10.32	7.94
HMRE-0604-	3/8	9.52		1	1/4	6.35	0.039	1	17.46		11.91	11.11
HMRE-0804-	1/2	12.7	0.049	1.24	1/4	6.35		1	20.64		13.5	14.29
HMRE-0806-	1/2	12.7	0.049	1.24	3/8	9.52		1	20.64			

HMVE

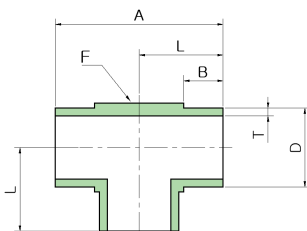
Micro Elbow 45°



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)			Body Cube
	inch	mm	inch	mm	A	B	L	F
HMVE-04-	1/4	6.35	0.039	1	11.96	6.35	10.32	7.94
HMVE-06-	3/8	9.52		1	14.21		11.91	11.11
HMVE-08-	1/2	12.7	0.049	1.24	16.46		13.5	14.29

HMT

Micro Tee

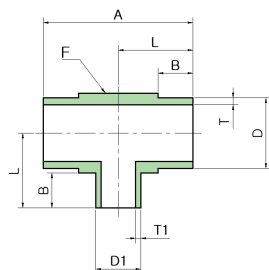


Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)			Body Cube
	inch	mm	inch	mm	A	B	L	F
HMT-02-	1/8	3.17	0.028	0.71	20.64	6.35	10.32	7.94
HMT-04-	1/4	6.35	0.039	1				
HMT-06-	3/8	9.52		1	23.81		11.91	11.11
HMT-08-	1/2	12.7	0.049	1.24	26.99		13.5	14.29
HMT-12-	3/4	19.05	0.065	1.65	33.35		16.67	20.65

[Weld Fittings]

HMRT

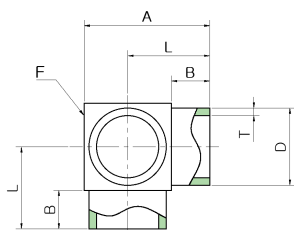
Micro Reducing Tee



Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)				Body Cube
	inch	mm	inch	mm	inch	mm	inch	mm	A	B	L	F	
HMRT-0402-	1/4	6.35	0.039	1	1/8	3.17	0.028	0.71	20.64	6.35	10.32	7.94	
HMRT-0604-	3/8	9.52		1	1/4	6.35		1	23.81		11.91	11.11	
HMRT-0804-	1/2	12.7	0.049	1.24	1/4	6.35	0.039	1	26.99		13.5	14.29	
HMRT-0806-	1/2	12.7	0.049	1.24	3/8	9.52		1					

HMTB

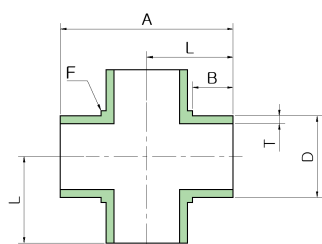
Micro Tribow



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)			Body Cube
	inch	mm	inch	mm	B	L	F	
HMTB-04-	1/4	6.35	0.039	1	6.35	10.32	7.94	
HMTB-06-	3/8	9.52				11.91	11.11	
HMTB-08-	1/2	12.7	0.049	1.24		13.5	14.29	

HMC

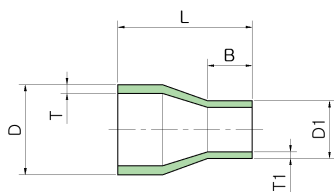
Micro Cross



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)				Body Cube
	inch	mm	inch	mm	A	B	L	F	
HMC-04-	1/4	6.35	0.039	1	20.64	6.35	10.32	7.94	
HMC-06-	3/8	9.52			23.81		11.91	11.11	
HMC-08-	1/2	12.7	0.049	1.24	26.99		13.5	14.29	

HMRU

Micro Reducing Union

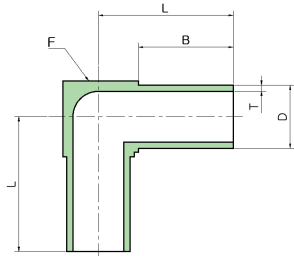


Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)	
	inch	mm	inch	mm	inch	mm	inch	mm	B	L
HMRU-0402-	1/4	6.35	0.039	1	1/8	3.17	0.028	0.71	6.35	19.05
HMRU-0604-	3/8	9.52		1	1/4	6.35		1		
HMRU-0804-	1/2	12.7	0.049	1.24	1/4	6.35		1		
HMRU-0806-	1/2	12.7	0.049	1.24	3/8	9.52	0.039	1		
HMRU-1204-	3/4	19.05	0.065	1.65	1/4	6.35		1		
HMRU-1206-	3/4	19.05	0.065	1.65	3/8	9.52		1		
HMRU-1208-	3/4	19.05	0.065	1.65	1/2	12.7	0.049	1.24		

[Weld Fittings]

HLE

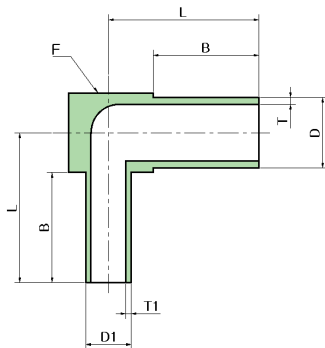
Long Elbow 90°



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)		Body Cube
	inch	mm	inch	mm	B	L	
HLE-04-	1/4	6.35	0.039	1	20	25	9
HLE-06-	3/8	9.52		1	19		11
HLE-08-	1/2	12.7	0.049	1.24		27	15
HLE-12-	3/4	19.05	0.065	1.65		31.5	22
HLE-16	1	25.4	0.049	1.65		34	30

HLRE

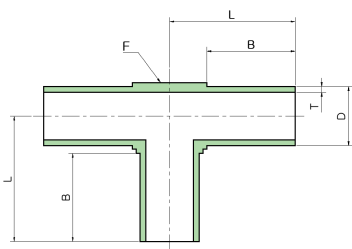
Long Reducing Elbow 90°



Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)		Body Cube
	inch	mm	inch	mm	inch	mm	inch	mm	B	L	F
HLRE-0604-	3/8	9.52	0.039	1	1/4	6.35	0.039	1	19	25	11
HLRE-0804-	1/2	12.7	0.049	1.24	1/4	6.35		1		27	15
HLRE-0806-	1/2	12.7	0.049	1.24	3/8	9.53		1			
HLRE-1204-	3/4	19.05	0.065	1.65	1/4	6.35		1		31.5	22
HLRE-1206-	3/4	19.05	0.065	1.65	3/8	9.52		1			
HLRE-1208-	3/4	19.05	0.065	1.65	1/2	12.7	0.049	1.24			

HLT

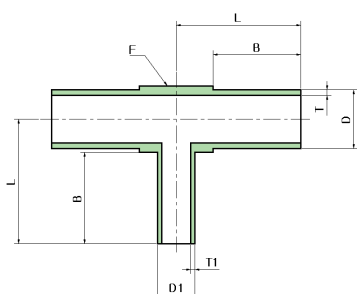
Long Tee



Part No.	Tube O.D. D		Tube W.T. T		Dimension (mm)		Body Cube
	inch	mm	inch	mm	B	L	F
HLT-04-	1/4	6.35	0.039	1	20	25	9
HLT-06-	3/8	9.52		1	19		11
HLT-08-	1/2	12.7	0.049	1.24		27	15
HLT-12-	3/4	19.05	0.065	1.65		31.5	22
HLT-16-	1	25.4	0.065	1.65		34	30

HLRT

Long Reducing Tee

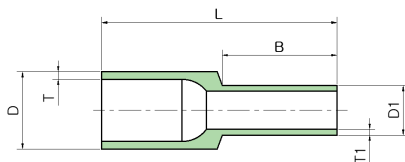


Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)		Body Cube
	inch	mm	inch	mm	inch	mm	inch	mm	B	L	F
HLRT-0604-	3/8	9.52	0.039	1	1/4	6.35	0.039	1	19	25	11
HLRT-0804-	1/2	12.7	0.049	1.24	1/4	6.35		1		27	15
HLRT-0806-	1/2	12.7	0.049	1.24	3/8	9.52		1			
HLRT-1204-	3/4	19.05	0.065	1.65	1/4	6.35		1		31.5	22
HLRT-1206-	3/4	19.05	0.065	1.65	3/8	9.52		1			
HLRT-1208-	3/4	19.05	0.065	1.65	1/2	12.7	0.049	1.24			

[Weld Fittings]

HLRU

Long Reducing Union

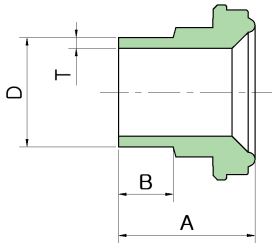


Part No.	Tube O.D. D		Tube W.T. T		Tube O.D. D1		Tube W.T. T1		Dimension (mm)	
	inch	mm	inch	mm	inch	mm	inch	mm	B	L
HLRU-0604-	3/8	9.52	0.039	1	1/4	6.35	0.039	1	19	39
HLRU-0804-	1/2	12.7	0.049	1.24	1/4	6.35		1		
HLRU-0806-	1/2	12.7	0.049	1.24	3/8	9.52		1		
HLRU-1204-	3/4	19.05	0.065	1.65	1/4	6.35		1		
HLRU-1206-	3/4	19.05	0.065	1.65	3/8	9.52		1		
HLRU-1208-	3/4	19.05	0.065	1.65	1/2	12.7	0.049	1.24	42.9	44.5
HLRU-1604-	1	25.4	0.065	1.65	1/4	6.35	0.039	1		
HLRU-1606-	1	25.4	0.065	1.65	3/8	9.52		1		
HLRU-1608-	1	25.4	0.065	1.65	1/2	12.7	0.049	1.24		
HLRU-1612-	1	25.4	0.065	1.65	3/4	19.05	0.065	1.65		

[Metal Face Seal (VCR) Fittings - Glands]

HMGS

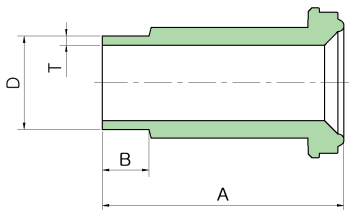
Micro Gland S



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HMGS-04-	1/4	1/4	6.35	0.039	1	15.3	6.35
HMGS-0804-	1/2	1/4	6.35		1	15.8	
HMGS-0806-	1/2	3/8	9.52		1		
HMGS-08-	1/2	1/2	12.7	0.049	1.24		

HMGL

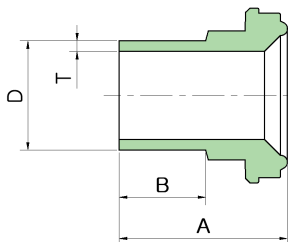
Micro Gland L



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HMGL-04-	1/4	1/4	6.35	0.039	1	30.5	6.35
HMGL-0804-	1/2	1/4	6.35		1	32.8	
HMGL-0806-	1/2	3/8	9.52		1		
HMGL-08-	1/2	1/2	12.7	0.049	1.24		

HSGS

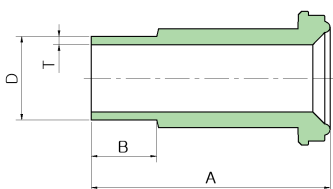
Short Gland S



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HSGS-04-	1/4	1/4	6.35	0.039	1	18.95	10
HSGS-0804-	1/2	1/4	6.35		1	19.45	
HSGS-0806-	1/2	3/8	9.52		1		
HSGS-08-	1/2	1/2	12.7	0.049	1.24		

HSGL

Short Gland L

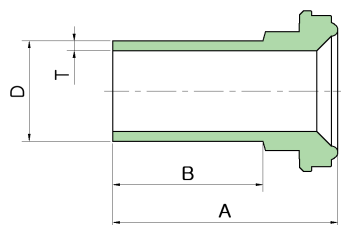


Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HSGL-0402-	1/4	1/8	3.17	0.028	0.71	28	10
HSGL-04-	1/4	1/4	6.35	0.039	1	34.15	
HSGL-0804-	1/2	1/4	6.35		1	36.45	
HSGL-0806-	1/2	3/8	9.52		1		
HSGL-08-	1/2	1/2	12.7	0.049	1.24		

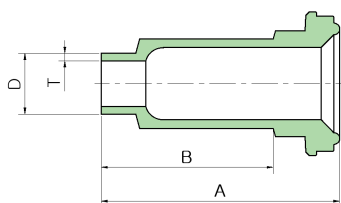
[Metal Face Seal (VCR) Fittings - Glands]

HLGS

Long Gland S



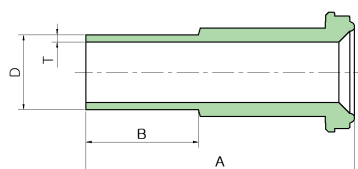
Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HLGS-0402-	1/4	1/8	3.17	0.028	0.71	28	19.05
HLGS-04-	1/4	1/4	6.35	0.039	1		
HLGS-0804-	1/2	1/4	6.35		1	28.5	
HLGS-0806-	1/2	3/8	9.52		1		
HLGS-08-	1/2	1/2	12.7	0.049	1.24		
HLGS-12-	3/4	3/4	19.05	0.065	1.65	32	20.6
HLGS-16-	1	1	25.4	0.065	1.65	38.6	19.05



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HLGS-0402-33.5-	1/4	1/8	3.17	0.028	0.71	33.5	20

HLGL

Long Gland L



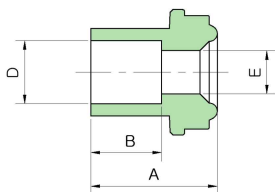
Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)	
	inch	inch	mm	inch	mm	A	B
HLGL-04-	1/4	1/4	6.35	0.039	1	43.2	19.05
HLGL-0804-	1/2	1/4	6.35		1	45.5	
HLGL-0806-	1/2	3/8	9.52		1		
HLGL-08-	1/2	1/2	12.7	0.049	1.24		
HLGL-12-	3/4	3/4	19.05	0.065	1.65	52	20.6
HLGL-16-	1	1	25.4	0.065	1.65	58.9	19.05

[Metal Face Seal (VCR) Fittings - Glands]

HSGSW

Short Gland

Socket Weld

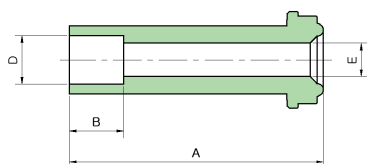


Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)		
	inch	inch	mm	inch	mm	A	B	E
HSGSW-04T-	1/4	1/4	6.35	0.039	1	12.7	7.1	4.35

HLGSW

Long Gland

Socket Weld

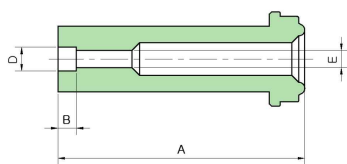


Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)		
	inch	inch	mm	inch	mm	A	B	E
HLGSW-04-	1/4	1/4	6.35	0.039	1	33.3	7.1	4.35
HLGSW-0806-	1/2	3/8	9.52		1	38.1	7.9	7.53
HLGSW-08-	1/2	1/2	12.7	0.049	1.24		9.6	10.22
HLGSW-12-	3/4	3/4	19.05	0.065	1.65	50.8	11.2	15.75
HLGSW-16-	1	1	25.4	0.065	1.65	56.4	15.7	22.1

HLGRSW

Long Gland

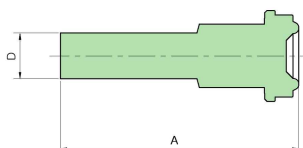
Reducing Socket Weld



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)		
	inch	inch	mm	inch	mm	A	B	E
HLGRSW-0402-	1/4	1/8	3.17	0.028	0.71	33.3	2.5	2.3
HLGRSW-0804-	1/2	1/4	6.35	0.039	1	38.1	7.1	4.35

HBG

Blind Gland

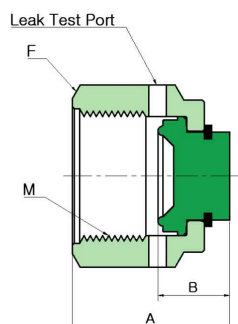


Part No.	VCR Size	Tube O.D. D		Dimension (mm)
	inch	inch	mm	A
HBG-04-	1/4	1/4	6.35	33.3
HBG-08-	1/2	1/2	12.7	38.1
HBG-12-	3/4	3/4	19.05	50.8
HBG-16-	1	1	25.4	50.4

[Metal Face Seal (VCR) Fittings - Caps, Plugs, Nuts & Gaskets]

HCP

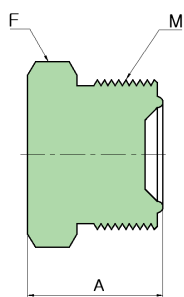
VCR Cap



Part No.	VCR Size	Dimension (mm)			M
	inch	A	B	F	
HCP-04-	1/4	22.9	11.3	19.05	9/16-18UNF
HCP-08-	1/2	25.6	12.2	26.98	7/8-14UNF
HCP-12-	3/4	32.8	13.7	38.1	1 1/4-18UNF
HCP-16-	1	39.4	16	46.04	1 1/2-20UNF

HP

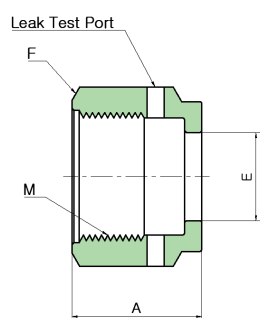
VCR Plug



Part No.	VCR Size	Dimension (mm)		M
	inch	A	F	
HP-04-	1/4	23.2	17.46	9/16-18UNF
HP-08-	1/2	27.3	23.81	7/8-14UNF
HP-12-	3/4	36.3	34.92	1 1/4-18UNF
HP-16-	1	38.6	47.68	1 1/2-20UNF

HFN

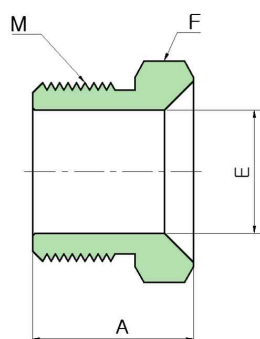
VCR Female Nut



Part No.	VCR Size	Dimension (mm)			M
	inch	A	E	F	
HFN-04-	1/4	20.5	9	19.05	9/16-18UNF
HFN-08-	1/2	22.5	15.3	26.98	7/8-14UNF
HFN-12-	3/4	28.4	22.6	38.1	1 1/4-18UNF
HFN-16-	1	34	30.5	46.04	1 1/2-20UNF

HMN

VCR Male Nut

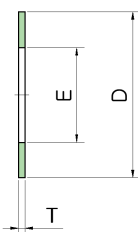


Part No.	VCR Size	Dimension (mm)			M
	inch	A	E	F	
HMN-04-	1/4	18	9.1	15.88	9/16-18UNF
HMN-08-	1/2	20	15	23.81	7/8-14UNF
HMN-12-	3/4	25.4	22.6	34.92	1 1/4-18UNF
HMN-16-	1	30.2	30.5	41.27	1 1/2-20UNF

[Metal Face Seal (VCR) Fittings - Caps, Plugs, Nuts & Gaskets]

HGT

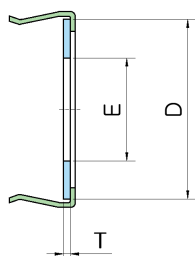
VCR Gasket



Part No.	VCR Size	Dimension (mm)		
	inch	E	D	T
HGT-04-	1/4	5.6	11.8	0.75
HGT-08-	1/2	11	19.3	
HGT-12-	3/4	17	28.1	
HGT-16-	1	22.6	34.8	

HGTR

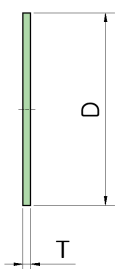
VCR Gasket Retained



Part No.	VCR Size	Dimension (mm)		
	inch	E	D	T
HGTR-04-	1/4	5.6	11.8	0.75
HGTR-08-	1/2	11	19.3	
HGTR-12-	3/4	17	28.1	
HGTR-16-	1	22.6	34.8	

HGTB

VCR Gasket Blind



Part No.	VCR Size	Dimension (mm)	
	inch	D	T
HGTB-04-	1/4	11.8	0.75
HGTB-08-	1/2	19.3	
HGTB-12-	3/4	28.1	
HGTB-16-	1	34.8	

Materials of Gaskets

Every gaskets are available with Nickel and SS316L.

To order, add the material designator to the end of part number.

[Examples]

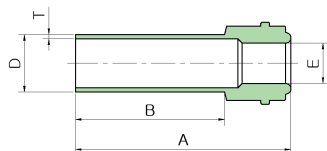
◆ HGT-08-NI : Gasket, 1/2", Nickel

◆ HGTR-04-SS : Retained Gasket, 1/4", SS316L

[Metal Face Seal (VCR) Fittings - High Flow Components]

HHG

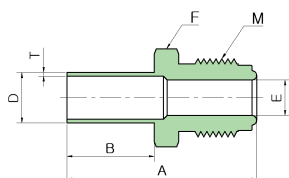
High Flow Gland



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)		
	inch	inch	mm	inch	mm	A	B	E
HHG-0406-	1/4	3/8	9.52	0.039	1	28.7	19.05	6.2
HHG-0406L-	1/4	3/8	9.52	0.039	1	33.3	28.5	6.2

HHA

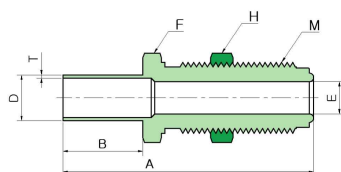
High Flow Adapter



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)				M
	inch	inch	mm	inch	mm	A	B	E	F	
HHA-0406-	1/4	3/8	9.52	0.039	1	42.7	19.05	6.35	17.46	9/16-18UNF

HHBA

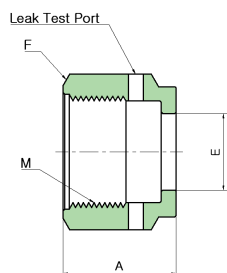
High Flow Bulkhead Adapter



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)					M	Panel Hole Size
	inch	inch	mm	inch	mm	A	B	E	F	H		
HHBA-0406-	1/4	3/8	9.52	0.039	1	59.8	19.05	6.3	19.05	19.05	9/16-18UNF	15

HHFN

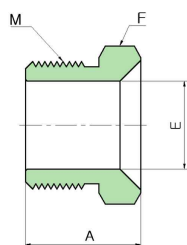
High Flow Female Nut



Part No.	VCR Size	Dimension (mm)			M
	inch	A	E	F	
HHFN-04-	1/4	17.3	11.5	19.05	9/16-18UNF

HHMN

High Flow Male Nut

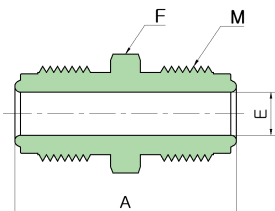


Part No.	VCR Size	Dimension (mm)			M
	inch	A	E	F	
HHMN-04-	1/4	18	9.9	15.88	9/16-18UNF

[VCR Threaded Fittings - VCR to VCR]

HDMU

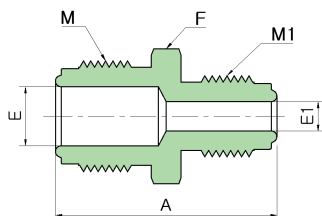
Double Male Union



Part No.	VCR Size	Dimension (mm)			M
	inch	A	E	F	
HDMU-04-	1/4	39.4	4.57	15.87	9/16-18UNF
HDMU-08-	1/2	47.2	10.22	23.8	7/8-14UNF
HDMU-12-	3/4	62	15.7	33.33	1 1/4-18UNF
HDMU-16-	1	65.8	22.1	41.27	1 1/2-20UNF

HDRMU

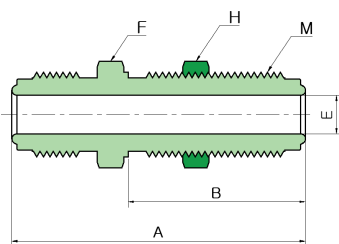
Double Reducing Male Union



Part No.	VCR Size	VCR Size	Dimension (mm)				M	M1
	inch	inch	A	E	E1	F		
HDRMU-0804-	1/2	1/4	43.4	10.22	4.57	23.8	7/8-14UNF	9/16-18UNF

HDBMU

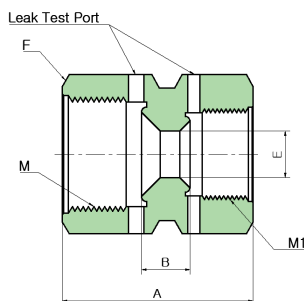
Double Bulkhead Male Union



Part No.	VCR Size	Dimension (mm)					M	Panel Hole Size
	inch	A	B	E	F	H		
HDBMU-04-	1/4	56.6	33.7	4.57	19.05	19.05	9/16-18UNF	15
HDBMU-08-	1/2	65.3	37.6	10.22	26.98	26.98	7/8-14UNF	23

HDRFU

Double Reducing Female Union

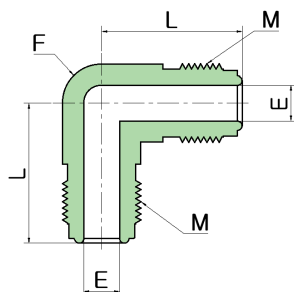


Part No.	VCR Size	VCR Size	Dimension (mm)				M	M1
	inch	inch	A	B	E	F		
HDRFU-0804-	1/2	1/4	34.6	6	4.35	26.98	7/8-14UNF	9/16-18UNF

[VCR Threaded Fittings - VCR to VCR]

HUE

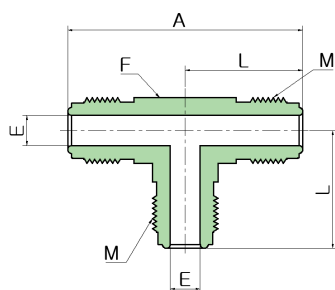
Union Elbow



Part No.	VCR Size	Dimension (mm)			M
	inch	L	E	F	
HUE-04-	1/4	27.2	4.35	12.7	9/16-18UNF
HUE-08-	1/2	36.8	10.22	20.63	7/8-14UNF
HUE-12-	3/4	48.8	15.75	31.75	1 1/4-18UNF
HUE-16-	1	50.8	22.1	42.86	1 1/2-20UNF

HUT

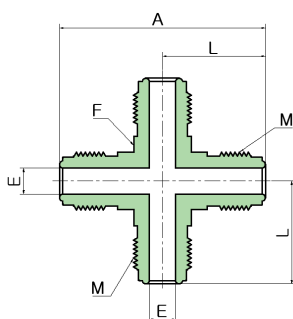
Union Tee



Part No.	VCR Size	Dimension (mm)				M
	inch	A	E	L	F	
HUT-04-	1/4	54.4	4.35	27.2	12.7	9/16-18UNF
HUT-08-	1/2	73.87	10.22	36.8	20.63	7/8-14UNF
HUT-12-	3/4	97.5	15.75	48.8	31.75	1 1/4-18UNF
HUT-16-	1	102	22.1	50.8	42.86	1 1/2-20UNF

HUC

Union Cross

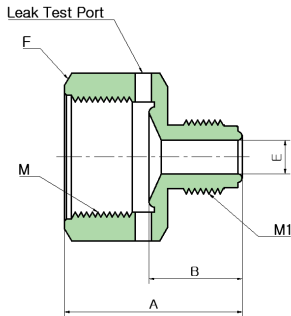


Part No.	VCR Size	Dimension (mm)				M
	inch	A	E	L	F	
HUC-04-	1/4	54.4	4.35	27.2	12.7	9/16-18UNF
HUC-08-	1/2	73.87	10.22	36.8	20.63	7/8-14UNF
HUC-12-	3/4	97.5	15.75	48.8	31.75	1 1/4-18UNF
HUC-16-	1	102	22.1	50.8	42.86	1 1/2-20UNF

[VCR Threaded Fittings - VCR to VCR]

HRA

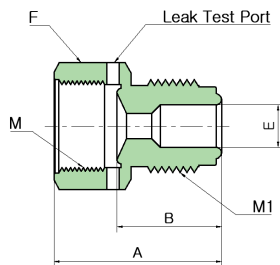
Reducing Adapter



Part No.	VCR Size	VCR Size	Dimension (mm)				M(Female)	M1(Male)
	inch	inch	A	B	E	F		
HRA-0804-	1/2	1/4	35.8	21.6	4.35	26.98	7/8-14UNF	9/16-18UNF

HRB

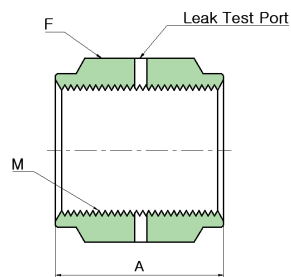
Reducing Bushing



Part No.	VCR Size	VCR Size	Dimension (mm)				M(Female)	M1(Male)
	inch	inch	A	B	E	F		
HRB-0804-	1/2	1/4	35.8	23.1	4.35	23.81	9/16-18UNF	7/8-14UNF

HC

Coupling

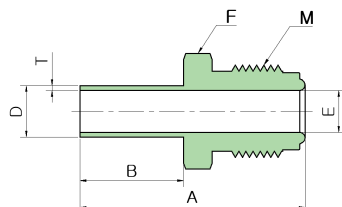


Part No.	VCR Size	Dimension (mm)		M(Female)
	inch	A	H	
HC-04-	1/4	30.2	19.05	9/16-18UNF
HC-08-	1/2	33.3	26.98	7/8-14UNF
HC-12-	3/4	42.7	38.1	1 1/4-18UNF
HC-16-	1	51.8	44.45	1 1/2-20UNF

[VCR Threaded Fittings - VCR to TBW (Tube Butt Weld)]

HBWA

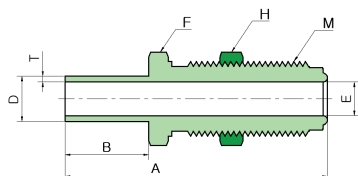
TBW Adapter



Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)				M
	inch	inch	mm	inch	mm	A	B	E	F	
HBWA-04-	1/4	1/4	6.35	0.039	1	42.65	19.05	4.35	15.88	9/16-18UNF
HBWA-0806-	1/2	3/8	9.52		1	46.7		10.22	23.81	7/8-14UNF
HBWA-08-	1/2	1/2	12.7	0.049	1.24	46.7		10.22	23.81	7/8-14UNF

HBWBA

TBW Bulkhead Adapter

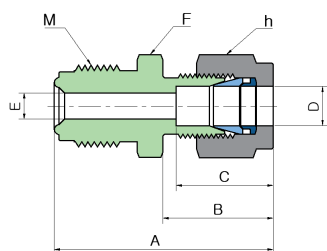


Part No.	VCR Size	Tube O.D. D		Tube W.T. T		Dimension (mm)				M	Panel Hole Size
	inch	inch	mm	inch	mm	A	B	F	H		
HBWBA-04-	1/2	1/4	6.35	0.039	1	59.85	19.05	19.05	19.05	9/16-18UNF	15
HBWBA-0804-	1/2	3/8	9.52		1	65.25		26.98	26.98	7/8-14UNF	23
HBWBA-08-	1/2	1/2	12.7	0.049	1.24	71.3		38.1	38.1	1 1/4-18UNF	32

[VCR Threaded Fittings - VCR to SG-LOK]

HGC

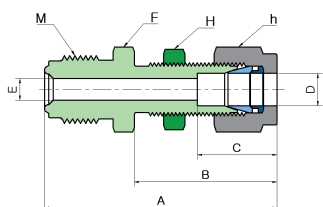
SG-LOK Connector



Part No.	VCR Size	Tube O.D. D		Dimension (mm)						M
	inch	inch	mm	A	B	C	E	F	h	
HGC-0402-	1/4	1/8	3.17	38.9	15.2	12.7	2.3	15.87	11.11	9/16-18UNF
HGC-04-	1/4	1/4	6.35	41.1	17.8	15.2	4.6	15.87	14.28	9/16-18UNF
HGC-0806-	1/2	3/8	9.52	46.7	19.3	16.8	7.1	23.81	17.46	7/8-14UNF
HGC-08-	1/2	1/2	12.7	49.5	21.8	22.9	10.2	23.81	22.22	7/8-14UNF

HGBC

SG-LOK Bulkhead Connector

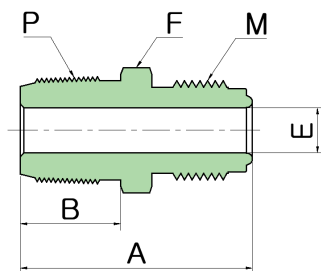


Part No.	VCR Size	Tube O.D. D		Dimension (mm)							M	Panel Hole Size
	inch	inch	mm	A	B	C	E	F	H	h		
HGBC-04	1/4	1/4	6.35	57.2	33.5	15.2	4.6	15.87	15.87	14.28	9/16-18UNF	11.5
HGBC-0806-	1/2	3/8	9.52	64.5	36.8	16.8	7.1	23.81	23.81	17.46	7/8-14UNF	14.7
HGBC-08-	1/2	1/2	12.7	69.6	41.9	22.9	10.2	23.81	23.81	22.22	7/8-14UNF	19.4

[VCR Threaded Fittings - VCR to Thread]

HUMC

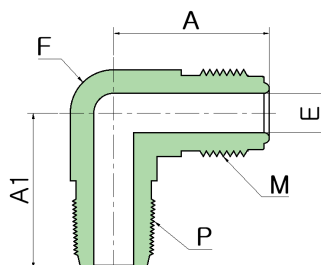
VCR Male Connector



Part No.	VCR Size	Thread Size P-NPT	Dimension (mm)				M
	inch	inch	A	B	E	F	
HUMC-0402N-	1/4	1/8	33.3	9.6	4.35	15.9	9/16-18UNF
HUMC-0404N-	1/4	1/4	37.84	14.22	4.35	15.9	9/16-18UNF
HUMC-0804N-	1/2	1/4	41.87	14.22	10.22	23.8	7/8-14UNF
HUMC-0806N-	1/2	3/8	41.87	14.22	7.53	23.8	7/8-14UNF
HUMC-0808N-	1/2	1/2	46.74	19.05	10.22	23.8	7/8-14UNF
HUMC-1212N-	3/4	3/4	55.63	19.05	15.75	33.3	1 1/4-18UNF
HUMC-1616N-	1	1	62.74	23.88	22.1	42.4	1 1/2-20UNF

HUME

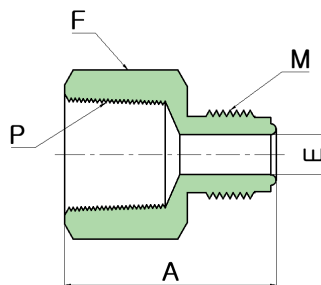
VCR Male Elbow



Part No.	VCR Size	Thread Size P-NPT	Dimension (mm)				M
	inch	inch	A	A1	E	F	
HUME-0404N-	1/4	1/4	27.18	27.18	4.35	15.95	9/16-18UNF
HUME-0806N-	1/2	3/8	36.83	32	10.22	23.8	9/16-18UNF
HUME-0808N-	1/2	1/2	36.83	36.83	10.22	23.8	7/8-14UNF
HUME-1212N-	3/4	3/4	48.8	43.5	15.75	33.3	7/8-14UNF

HUFC

VCR Female Connector



Part No.	VCR Size	Thread Size P-NPT	Dimension (mm)			M
	inch	inch	A	E	F	
HUFC-0402N-	1/4	1/8	35.8	4.35	15.9	9/16-18UNF
HUFC-0404N-	1/4	1/4	39.1	4.35	19.05	9/16-18UNF
HUFC-0806N-	1/2	3/8	44.7	7.53	23.81	7/8-14UNF
HUFC-0808N-	1/2	1/2	50.5	10.22	26.98	7/8-14UNF
HUFC-1212N-	3/4	3/4	59.9	15.75	33.33	1 1/4-18UNF
HUFC-1616N-	1	1	63.8	22.1	41.27	1 1/2-20UNF