

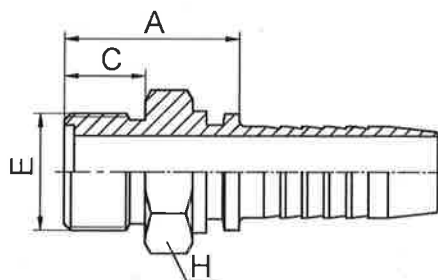


SUNWAY®

Hose Fitting

Two-Piece Fitting

Two-Piece Fitting

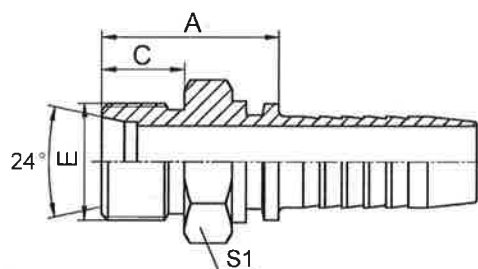


SW10311

JB O-RING METRIC MALE FLAT SEAL
REF. JB/T 988

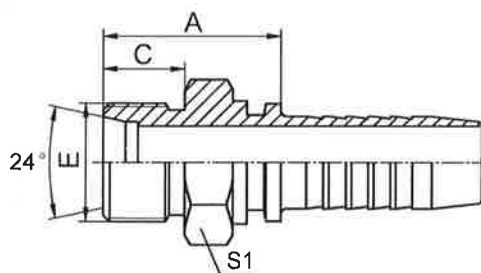
PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		C	H	A
SW10311-12-04	M12X1.25	6	04		10	14	22.5
SW10311-14-04	M14X1.5	6	04		11	14	23.5
SW10311-16-04	M16X1.5	6	04		11	17	23.5
SW10311-16-05	M16X1.5	8	05		11	17	23.5
SW10311-16-06	M16X1.5	10	06		11	17	23.5
SW10311-18-06	M18X1.5	10	06		11	19	23.5
SW10311-22-05	M22X1.5	8	5		12	24	26
SW10311-22-06	M22X1.5	10	06		12	24	27
SW10311-22-08	M22X1.5	12	08		12	24	27
SW10311-27-10	M27X1.5	16	10		13	30	31.5
SW10311-30-12	M30X1.5	20	12		14	32	33.5
SW10311-36-12	M36X2	20	12		16	38	35.5
SW10311-39-16	M39X2	25	16		16	41	39
SW10311-45-20	M45X2	32	20		20	46	44.5
SW10311-52-24	M52X2	40	24		22	55	47.5
SW10311-64-32	M64X2	50	32		27	65	52.5

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW10312-xx-xx.

**SW10411**

METRIC MALE 24° CONE SEAT L.T.
REF.DIN 3853 / ISO 8434-1

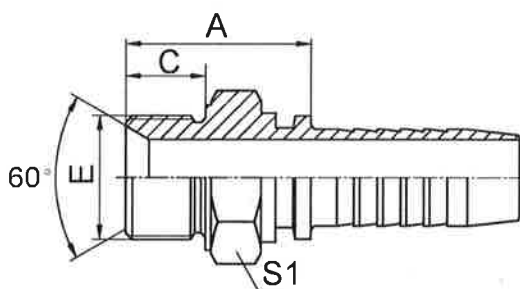
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S1
SW10411-12-04	M12X1.5	6	04	6	20.5	10	12
SW10411-14-04	M14X1.5	6	04	8	20.5	10	14
SW10411-14-05	M14X1.5	8	05	8	21.5	10	14
SW10411-16-04	M16X1.5	6	04	10	22.5	11	17
SW10411-16-05	M16X1.5	8	05	10	22.5	11	17
SW10411-16-06	M16X1.5	10	06	10	22.5	11	17
SW10411-18-05	M18X1.5	8	05	12	23.5	11	19
SW10411-18-06	M18X1.5	10	06	12	22.5	11	19
SW10411-22-06	M22X1.5	10	06	15	24.5	12	24
SW10411-22-08	M22X1.5	12	08	15	26	12	24
SW10411-26-08	M26X1.5	12	08	18	26.5	12	27
SW10411-26-10	M26X1.5	16	10	18	26.5	12	27
SW10411-27-10	M27X1.5	16	10	18	29.5	14	30
SW10411-30-10	M30X2	16	10	22	29.5	14	32
SW10411-30-12	M30X2	20	12	22	30	14	32
SW10411-36-16	M36X2	25	16	28	31.5	14	38
SW10411-45-20	M45X2	32	20	35	37	16	46
SW10411-52-24	M52X2	40	24	42	38	16	55

**SW10511**

METRIC MALE 24° CONE SEAT H.T.
REF.DIN 3853 / ISO 8434-1

PART NO.	THREAD F.	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S1
SW10511-14-04	M14X1.5	6	04	6	24.5	12	14
SW10511-16-04	M16X1.5	6	04	8	26.5	12	17
SW10511-18-04	M18X1.5	6	04	10	26.5	12	19
SW10511-20-05	M20X1.5	8	05	12	27	12	22
SW10511-20-06	M20X1.5	10	06	12	26.5	12	22
SW10511-22-05	M22X1.5	8	05	14	30.5	14	24
SW10511-22-06	M22X1.5	10	06	14	30.5	14	24
SW10511-22-08	M22X1.5	12	08	14	31	14	24
SW10511-24-08	M24X1.5	12	08	16	31.5	14	27
SW10511-30-10	M30X2	16	10	20	34.5	16	32
SW10511-30-12	M30X2	20	12	20	36	16	32
SW10511-36-12	M36X2	20	12	25	40.5	18	41
SW10511-36-16	M36X2	25	16	25	41.5	18	38
SW10511-42-16	M42X2	25	16	30	44	20	46
SW10511-42-20	M42X2	32	20	30	45	20	46
SW10511-52-20	M52X2	32	20	38	50	22	55

Two-Piece Fitting

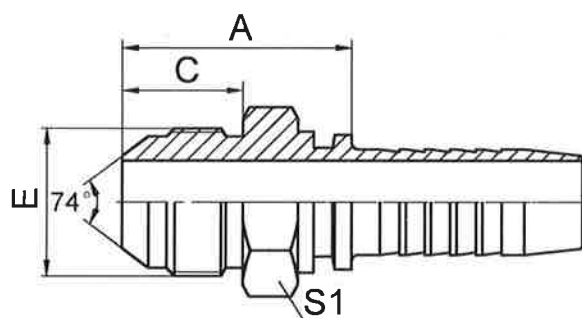


SW10611

METRIC MALE DOUBLE USE FOR
60° CONE SEAT OR BONDED SEAL

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
SW10611-14-04	M14X1.5	6	04	23.5	11	19
SW10611-14-06	M14X1.5	10	06	25	11	19
SW10611-16-04	M16X1.5	6	04	27.5	12	22
SW10611-16-05	M16X1.5	8	05	27.5	12	22
SW10611-18-06	M18X1.5	10	06	27.5	12	24
SW10611-22-06	M22X1.5	10	06	30.5	14	27
SW10611-22-08	M22X1.5	12	08	31	14	27
SW10611-24-10	M24X1.5	16	10	35	14	30
SW10611-26-10	M26X1.5	16	10	34.5	16	32
SW10611-27-10D	M27X1.5	16	10	35	16	32
SW10611-27-10	M27X2	16	10	34.5	16	32
SW10611-30-12D	M30X1.5	20	12	38	18	36
SW10611-30-12	M30X2	20	12	38	18	36
SW10611-33-16	M33X2	25	16	40	18	41
SW10611-42-20	M42X2	32	20	46	20	50
SW10611-45-20	M45X2	32	20	46	20	55
SW10611-48-24	M48X2	40	24	46	20	55
SW10611-52-24	M52X2	40	24	46	20	60

Two-Piece Fitting



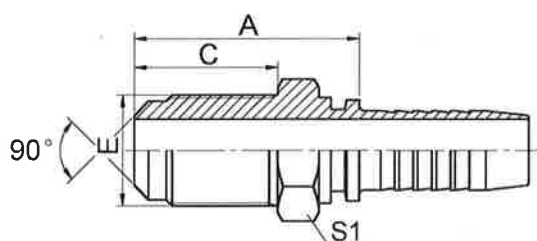
SW10711

GB METRIC MALE 74° CONE

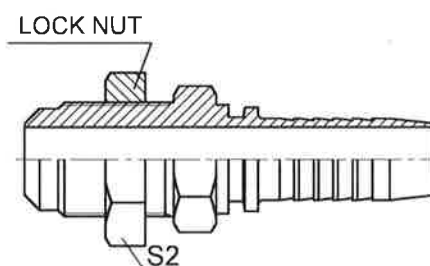
PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
SW10711-10-02	M10X1	4	02	23	12.5	14
SW10711-10-03	M10X1	5	03	23	12.5	14
SW10711-12-03	M12X1.5	5	03	26.5	15.7	14
SW10711-12-03C	M12X1.25	5	03	24.5	14	14
SW10711-14-04	M14X1.5	6	04	29.5	17	17
SW10711-14-06	M14X1.5	10	06	30.5	18	17
SW10711-16-05	M16X1.5	8	05	30.5	18	17
SW10711-16-06	M16X1.5	10	06	30.5	18	17
SW10711-18-06	M18X1.5	10	06	30.5	18	19
SW10711-22-08	M22X1.5	12	08	35	19.5	24
SW10711-24-08	M24X1.5	12	08	35.5	20	27
SW10711-27-10	M27X1.5	16	10	38	20	30
SW10711-30-12	M30X1.5	20	12	42.5	23	32
SW10711-30-12E	M30X2	20	12	45.5	26	32
SW10711-33-12	M33X2	20	12	46	26	36
SW10711-36-14	M36X2	22	14	45	26	38
SW10711-39-16	M39X2	25	16	48	27.5	41
SW10711-42-20	M42X2	32	20	52	28.5	46
SW10711-45-20	M45X2	32	20	52	28.5	46

Note: 1.For use with braided hoses.
2.If use with spiral hoses, hose fitting series number is SW10712-xx-xx.

Two-Piece Fitting



SW10811L

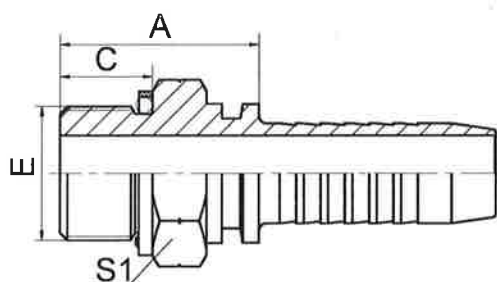


SW10811L-LN

METRIC MALE 90° CONE

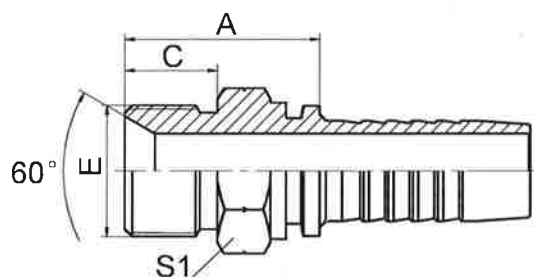
PART NO.	THREAD E	DN	DASH		A	C	S1	S2
SW10811L-12-04	M12X1.5	6	04		46	34	17	17
SW10811L-12-04A	M12X1	6	04		44.5	32.5	17	17
SW10811L-14-04	M14X1.5	6	04		46	34	17	19
SW10811L-14-06	M14X1.5	10	06		46.5	34	17	19
SW10811L-16-04	M16X1.5	6	04		46.5	34	19	22
SW10811L-16-06	M16X1.5	10	06		46.5	34	22	22
SW10811L-20-06	M20X1.5	10	6		57	40	27	27
SW10811L-20-08	M20X1.5	12	08		57.5	40	27	27
SW10811L-22-08	M22X1.5	12	08		62.5	45	27	27

Note: if you are interested to order the fitting with lock nut, please insert suffix "LN" after our part no.
for example, SW10811L-12-04LN.

**SW12211**

BSP MALE O-RING SEAL

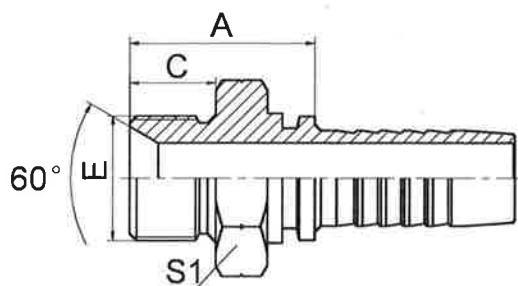
PART NO.	THREAD E	HOSE BORE		O-RING	DIMENSIONS		
		DN	DASH		A	C	S1
SW12211-04-04	G1/4"X19	6	04	O111	25	11	19
SW12211-04-06	G1/4"X19	10	06	O111	23.5	11	19
SW12211-06-06	G3/8"X19	10	06	O113	26	11.5	24
SW12211-08-04	G1/2"X14	6	04	O115	30	14	27
SW12211-08-06	G1/2"X14	10	06	O115	32	14	27
SW12211-08-08	G1/2"X14	12	08	O115	32.5	14	27
SW12211-10-10	G5/8"X14	16	10	O910	33	15.5	30
SW12211-12-10	G3/4"X14	16	10	O119	33	15.5	36
SW12211-12-12	G3/4"X14	20	12	O119	35.5	15.5	36
SW12211-12-16	G3/4"X14	25	16	O119	36.5	15.5	36
SW12211-16-16	G1"X11	25	16	O217	42.5	18.6	41
SW12211-20-20	G1.1/4"X11	32	20	O222	46	20	50

**SW12611**

BSP MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE		DIMENSIONS		
		DN	DASH	A	C	S1
SW12611-02-03	G1/8"X28	5	03	22	10	12
SW12611-04-04	G1/4"X19	6	04	24.5	12	14
SW12611-06-05	G3/8"X19	8	05	26	13.5	17
SW12611-06-06	G3/8"X19	10	06	26	13.5	17
SW12611-06-08	G3/8"X19	12	08	26.5	13.5	19
SW12611-08-06	G1/2"X14	10	06	30.5	16	22
SW12611-08-08	G1/2"X14	12	08	31	16	22
SW12611-10-08	G5/8"X14	12	08	32.5	17.5	24
SW12611-10-10	G5/8"X14	16	10	33.5	17.5	24
SW12611-12-08	G3/4"X14	12	08	35.5	18.5	27
SW12611-12-10	G3/4"X14	16	10	36.5	18.5	27
SW12611-12-12	G3/4"X14	20	12	36.5	18.5	27
SW12611-16-12	G1"X11	20	12	40.5	20.5	36
SW12611-16-16	G1"X11	25	16	41.5	20.5	36
SW12611-20-16	G1.1/4"X11	25	16	43.5	20.5	46
SW12611-20-20	G1.1/4"X11	32	20	46.5	20.5	46
SW12611-24-20	G.1/2"X11	32	20	49	23	50
SW12611-24-24	G.1/2"X11	40	24	49	23	50
SW12611-32-32	G2"X11	50	32	53.5	25.5	65

Two-Piece Fitting

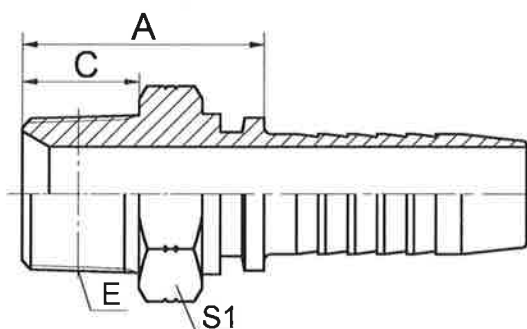


SW12611A

BSP MALE DOUBLE USE FOR 60°
CONE SEAT OR BONDED SEAL

PART NO.	THREAD E	HOSE BORE		DIMENSIONS					
		DN	DASH		A	C	S1		
SW12611A-02-03	G1/8"X28	5	03		22	10	14		
SW12611A-04-04	G1/4"X19	6	04		24.5	12	19		
SW12611A-04-05	G1/4"X19	8	05		24.5	12	19		
SW12611A-06-05	G3/8"X19	8	05		26	13.5	22		
SW12611A-06-06	G3/8"X19	10	06		28	13.5	22		
SW12611A-06-08	G3/8"X19	12	08		28.5	13.5	22		
SW12611A-08-06	G1/2"X14	10	06		33	16	27		
SW12611A-08-08	G1/2"X14	12	08		33	16	27		
SW12611A-08-10	G1/2"X14	16	10		34	16	27		
SW12611A-10-08	G5/8"X14	12	08		35	17.5	30		
SW12611A-10-10	G5/8"X14	16	10		35.5	17.5	30		
SW12611A-12-08	G3/4"X14	12	08		36.5	18.5	32		
SW12611A-12-10	G3/4"X14	16	10		37.5	18.5	32		
SW12611A-12-12	G3/4"X14	20	12		37.5	18.5	32		
SW12611A-16-12	G1"X11	20	12		42.5	20.5	41		
SW12611A-16-16	G1"X11	25	16		43.5	20.5	41		
SW12611A-20-16	G1.1/4"X11	25	16		45.5	20.5	50		
SW12611A-20-20	G1.1/4"X11	32	20		46.5	20.5	50		
SW12611A-24-24	G.1/2"X11	40	24		49	23	55		
SW12611A-32-32	G2"X11	50	32		54.5	25.5	70		

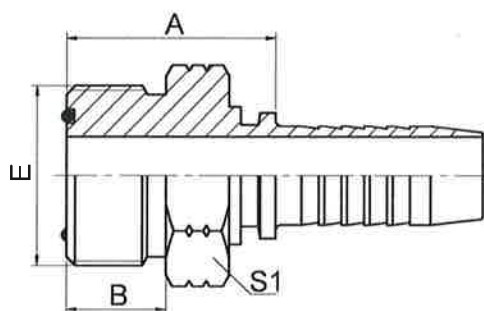
Two-Piece Fitting



SW13011-SP
BSPT MALE

PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	S1	
SW13011-02-03SP	R1/8"X28	5	03		22	10	12	
SW13011-02-04SP	R1/8"X28	6	04		22.5	10	12	
SW13011-04-04SP	R1/4"X19	6	04		27	14.5	14	
SW13011-04-05SP	R1/4"X19	8	05		27	14.5	14	
SW13011-04-06SP	R1/4"X19	10	06		27	14.5	17	
SW13011-06-04SP	R3/8"X19	6	04		27.5	15	17	
SW13011-06-05SP	R3/8"X19	8	05		27.5	15	17	
SW13011-06-06SP	R3/8"X19	10	06		27.5	15	17	
SW13011-06-08SP	R3/8"X19	12	08		28	15	19	
SW13011-08-06SP	R1/2"X14	10	06		34.5	20	22	
SW13011-08-08SP	R1/2"X14	12	08		35	20	22	
SW13011-08-10SP	R1/2"X14	16	10		35.5	20	22	
SW13011-08-12SP	R1/2"X14	20	12		38	20	27	
SW13011-12-08SP	R3/4"X14	12	08		37	20	27	
SW13011-12-10SP	R3/4"X14	16	10		38	20	27	
SW13011-12-12SP	R3/4"X14	20	12		38.5	20	27	
SW13011-12-16SP	R3/4"X14	25	16		40.5	20	32	
SW13011-16-12SP	R1"X11	20	12		43.5	25.5	36	
SW13011-16-16SP	R1"X11	25	16		45	25.5	36	
SW13011-20-20SP	R1.1/4"X11	32	20		49.5	26.5	46	
SW13011-24-24SP	R1.1/2"X11	40	24		52.5	26.5	50	
SW13011-32-24SP	R2"X11	40	24		57	30	65	
SW13011-32-32SP	R2"X11	50	32		57	30	65	

Two-Piece Fitting

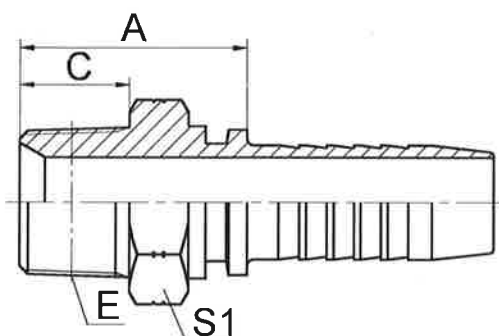


SW14211

SAE O-RING MALE

PART NO.	THREAD E	HOSE BORE		O-RING	DIMENSIONS			
		DN	DASH		A	B	S1	
SW14211-04-04	9/16"X18	6	04	O011	22.5	10	17	
SW14211-06-04	11/16"X16	6	04	O012	24	11.2	19	
SW14211-06-06	11/16"X16	10	06	O012	24	11.2	19	
SW14211-08-06	13/16"X16	10	06	O014	27.5	13	22	
SW14211-08-08	13/16"X16	12	08	O014	28.5	13	22	
SW14211-08-10	13/16"X16	16	10	O014	28.5	13	22	
SW14211-10-08	1"X14	12	08	O016	32.5	15.5	27	
SW14211-10-10	1"X14	16	10	O016	33.5	15.5	27	
SW14211-12-08	1.3/16"X12	12	08	O018	35.5	17	32	
SW14211-12-10	1.3/16"X12	16	10	O018	36	17	32	
SW14211-12-12	1.3/16"X12	20	12	O018	36.5	17	32	
SW14211-16-12	1.7/16"X12	20	12	O021	37	17.5	38	
SW14211-16-16	1.7/16"X12	25	16	O021	38.5	17.5	38	
SW14211-20-20	1.11/16"X12	32	20	O025	41.5	17.5	46	
SW14211-24-24	2"X12	40	24	O029	46.5	17.5	55	

Two-Piece Fitting

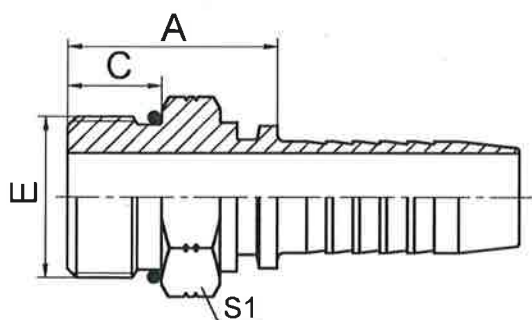


SW15611

NPT MALE

PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	S1	
SW15611-02-03	Z1/8"X27	5	03		21.5	10.5	12	
SW15611-02-04	Z1/8"X27	6	04		22.5	10.5	12	
SW15611-04-03	Z1/4"X18	5	03		27	15	17	
SW15611-04-04	Z1/4"X18	6	04		28	15	17	
SW15611-04-05	Z1/4"X18	8	05		28	15	17	
SW15611-04-06	Z1/4"X18	10	06		27.5	15	17	
SW15611-06-04	Z3/8"X18	6	04		29	16	19	
SW15611-06-05	Z3/8"X18	8	05		29	16	19	
SW15611-06-06	Z3/8"X18	10	06		29	16	19	
SW15611-06-08	Z3/8"X18	12	08		30.5	16	19	
SW15611-08-06	Z1/2"X14	10	06		34	19.5	22	
SW15611-08-08	Z1/2"X14	12	08		34.5	19.5	22	
SW15611-08-10	Z1/2"X14	16	10		35.5	19.5	22	
SW15611-12-08	Z3/4"X14	12	08		37.5	19.5	27	
SW15611-12-10	Z3/4"X14	16	10		37.5	19.5	27	
SW15611-12-12	Z3/4"X14	20	12		38.5	19.5	27	
SW15611-12-16	Z3/4"X14	25	16		39.5	19.5	32	
SW15611-16-10	Z1"X11.5	16	10		45	25.5	36	
SW15611-16-12	Z1"X11.5	20	12		45	25.5	36	
SW15611-16-16	Z1"X11.5	25	16		46.5	25.5	36	
SW15611-20-16	Z1.1/4"X11.5	25	16		49.5	26.5	46	
SW15611-20-20	Z1.1/4"X11.5	32	20		50.5	26.5	46	
SW15611-24-24	Z1.1/2"X11.5	40	24		51	27.5	50	
SW15611-32-32	Z2"X11.5	50	32		55	27.5	65	

Two-Piece Fitting



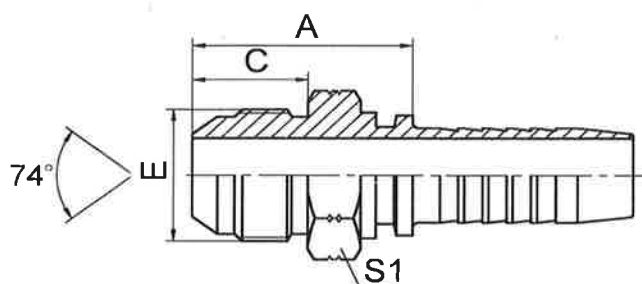
SW16011

SAE O-RING MALE
ISO 11926--SAE J1926

PART NO.	THREAD E	HOSE BORE		O RING	DIMENSIONS		
		DN	DASH		A	C	S1
SW16011-04-04	7/16"X20	6	04	O904	21.5	9.1	14
SW16011-05-04	1/2"X20	6	04	O905	21.5	9.1	17
SW16011-06-05	9/16"X18	8	05	O906	22.5	9.9	17
SW16011-06-06	9/16"X18	10	06	O906	22.5	9.9	17
SW16011-08-06	3/4"X16	10	06	O908	23.5	11.1	22
SW16011-08-08	3/4"X16	12	08	O908	24	11.1	22
SW16011-10-08	7/8"X14	12	08	O910	30	12.7	27
SW16011-10-10	7/8"X14	16	10	O910	31	12.7	27
SW16011-12-10	1.1/16"X12	16	10	O912	34.5	15.1	32
SW16011-12-12	1.1/16"X12	20	12	O912	34	15.1	32
SW16011-16-16	1.5/16"X12	25	16	O916	36	15.1	38

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW16012-xx-xx.

Two-Piece Fitting



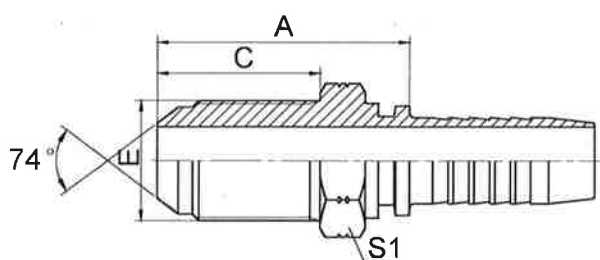
SW16711

JIC MALE 74° CONE
ISO 8434-2--SAE J514

PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	C	S1
SW16711-04-03	7/16"X20	5	03		26	14	12
SW16711-04-04	7/16"X20	6	04		26.5	14	12
SW16711-05-04	1/2"X20	6	04		26.5	14	14
SW16711-05-05	1/2"X20	8	05		26.5	14	14
SW16711-05-06	1/2"X20	10	06		26.5	14	17
SW16711-06-04	9/16"X18	6	04		26.5	14.1	17
SW16711-06-05	9/16"X18	8	05		26.5	14.1	17
SW16711-06-06	9/16"X18	10	06		26.5	14.1	17
SW16711-08-06	3/4"X16	10	06		31.5	16.7	22
SW16711-08-08	3/4"X16	12	08		32	16.7	22
SW16711-10-06	7/8"X14	10	06		33.5	19.3	24
SW16711-10-08	7/8"X14	12	08		34	19.3	24
SW16711-10-10	7/8"X14	16	10		35	19.3	24
SW16711-12-08	1.1/16"X12	12	08		38.5	21.9	30
SW16711-12-10	1.1/16"X12	16	10		39.5	21.9	30
SW16711-12-12	1.1/16"X12	20	12		40	21.9	30
SW16711-12-16	1.1/16"X12	25	16		42.5	21.9	32
SW16711-14-10	1.3/16"X12	16	10		41.5	22.6	32
SW16711-14-12	1.3/16"X12	20	12		40.5	22.6	32
SW16711-16-12	1.5/16"X12	20	12		43	23.1	36
SW16711-16-16	1.5/16"X12	25	16		43.5	23.1	36
SW16711-20-16	1.5/8"X12	25	16		47	24.3	46
SW16711-20-20	1.5/8"X12	32	20		47	24.3	46
SW16711-24-20	1.7/8"X12	32	20		53	27.5	50
SW16711-24-24	1.7/8"X12	40	24		53	27.5	50
SW16711-32-32	2.1/2"X12	50	32		62	33.9	65

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW16712-xx-xx.

Two-Piece Fitting

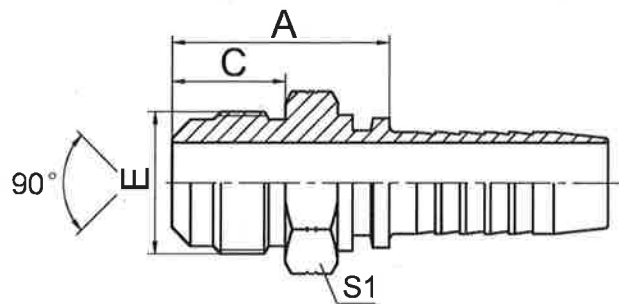


SW16711L

JIC MALE 74° CONE

PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	S1	
SW16711L-04-04	7/16"X20	6	04		45	32.5	17	
SW16711L-05-04	1/2"X20	6	04		43	30.5	19	
SW16711L-05-05	1/2"X20	8	05		43	30.5	19	
SW16711L-06-04	9/16"X18	6	04		47	32.5	22	
SW16711L-06-05	9/16"X18	8	05		47	32.5	22	
SW16711L-06-06	9/16"X18	10	06		47	32.5	22	
SW16711L-08-06	3/4"X16	10	06		51	36.5	24	
SW16711L-08-08	3/4"X16	12	08		51.5	36.5	24	
SW16711L-10-06	7/8"X14	10	06		56.5	40	30	
SW16711L-10-08	7/8"X14	12	08		57	40	30	
SW16711L-10-10	7/8"X14	16	10		58	40	30	
SW16711L-12-08	1.1/16"X12	12	08		63.5	44.5	36	
SW16711L-12-10	1.1/16"X12	16	10		64	44.5	36	
SW16711L-12-12	1.1/16"X12	20	12		64.5	44.5	36	
SW16711L-16-12	1.5/16"X12	20	12		66	44.5	41	
SW16711L-16-16	1.5/16"X12	25	16		67	44.5	41	
SW16711L-20-16	1.5/8"X12	25	16		70.5	45.7	50	
SW16711L-20-20	1.5/8"X12	32	20		71.2	45.7	50	
SW16711L-24-20	1.7/8"X12	32	20		71.5	46	55	
SW16711L-24-24	1.7/8"X12	40	24		71.5	46	55	

Two-Piece Fitting



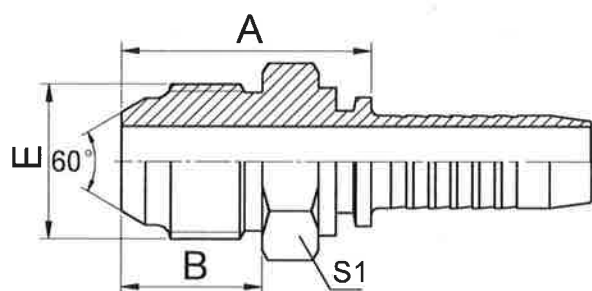
SW17811

SAE MALE 90° CONE SAE J513

PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	C	S1
SW17811-04-04	7/16"X20	6	04		25.5	12.7	12
SW17811-05-05	1/2"X20	8	05		27	14.2	14
SW17811-06-06	5/8"X18	10	06		28.5	15.7	17
SW17811-08-08	3/4"X16	12	08		34	19	22
SW17811-10-10	7/8"X14	16	10		38.5	22.4	24
SW17811-12-12	1.1/16"X14	20	12		44	25.4	30

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW17812-xx-xx.

Two-Piece Fitting



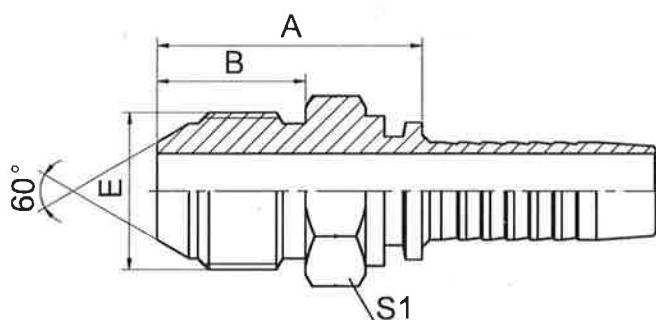
SW18611

JIS METRIC MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	B	S1
SW18611-14-04	M14X1.5	6	04		29.5	17	17
SW18611-16-04	M16X1.5	6	04		30.5	18	17
SW18611-16-06	M16X1.5	10	06		30.5	18	17
SW18611-18-06	M18X1.5	10	06		30.5	18	19
SW18611-20-08	M20X1.5	12	08		35	20	22
SW18611-22-08	M22X1.5	12	08		35.5	20	24
SW18611-24-10	M24X1.5	16	10		39.5	21.5	27
SW18611-30-12	M30X1.5	20	12		45.5	26	32
SW18611-33-16	M33X1.5	25	16		50.5	30	36
SW18611-36-20	M36X1.5	32	20		56.5	33	41
SW18611-42-24	M42X1.5	40	24		59.5	36	46

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW18612-xx-xx.

Two-Piece Fitting



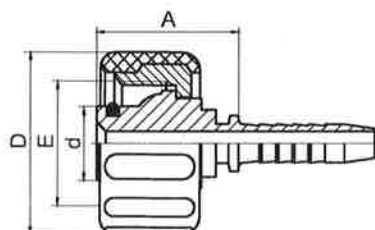
SW19611

JIS BSPP MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE			DIMENSIONS				
		DN	DASH		A	B	S1		
SW19611-04-04	G1/4"X19	6	04		28.5	16	17		
SW19611-06-06	G3/8"X19	10	06		30.5	18	19		
SW19611-08-08	G1/2"X14	12	08		35	20	22		
SW19611-12-12	G3/4"X14	20	12		40.5	22	30		
SW19611-16-16	G1"X11	25	16		44	24	36		

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW19612-xx-xx.

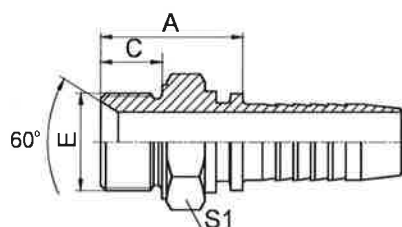
Two-Piece Fitting



SW20011-ST

METRIC FEMALE WATERWASH INSERTS

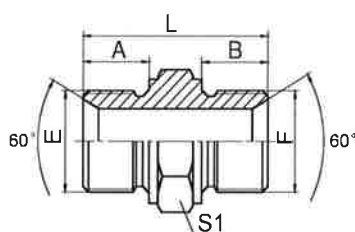
PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	d	D
SW20011-22-03ST	M22X1.5	5	03		24.5	14	34.5
SW20011-22-04ST	M22X1.5	6	04		25	14	34.5
SW20011-22-05ST	M22X1.5	8	05		25	14	34.5
SW20011-22-06ST	M22X1.5	10	06		25	14	34.5



SW10611

METRIC MALE 60° CONE SEAT

PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	C	S1
SW10611-22-04	M22X1.5	6	04		30.5	14	27
SW10611-22-05	M22X1.5	8	05		30.5	14	27
SW10611-22-06	M22X1.5	10	06		30.5	14	27

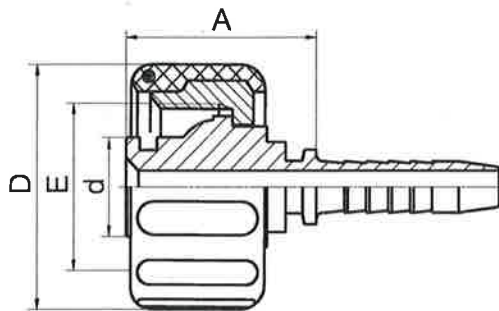


SW1M-R

METRIC MALE 60° SEAT

PART NO.	THREAD		DIMENSIONS				
	E	F		A	B	L	S1
SW1M-22R	M22X1.5	M22X1.5		14	14	36	24

STANDARD O-RING NBR

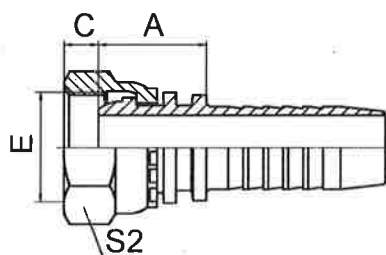


SW20011-T

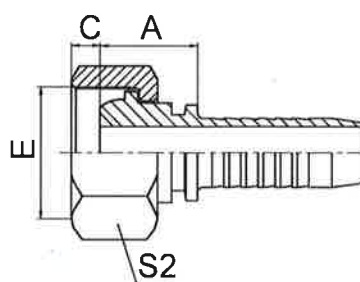
METRIC FEMALE WATERWASH INSERTS

PART NO.	THREAD E	HOSE BORE		O RING	DIMENSIONS		
		DN	DASH		A	d	D
SW20011-22-04T	M22X1.5	6	04	O10.0X2.0	25	13.93	35
SW20011-22-05T	M22X1.5	8	05	O10.0X2.0	25	13.93	35
SW20011-22-06T	M22X1.5	10	06	O10.0X2.0	25	13.93	35

Two-Piece Fitting



SW20111

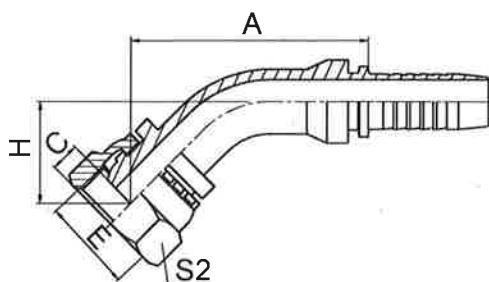


SW20111-T METRIC FEMALE MULTISEAL

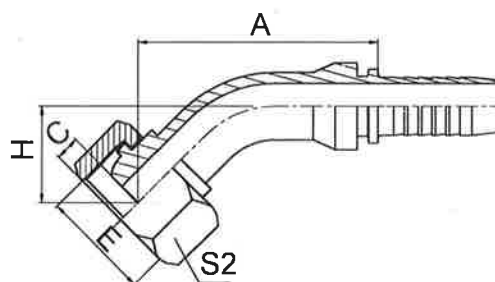
PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	S2	
SW20111-10-03	M10X1	5	03		18	2.5	14	
SW20111-10-04	M10X1	6	04		18	2.5	14	
SW20111-12-04	M12X1.5	6	04		18.5	4	17	
SW20111-12-05	M12X1.5	8	05		18.5	4	17	
SW20111-14-04	M14X1.5	6	04		19.5	4.5	19	
SW20111-14-05	M14X1.5	8	05		19.5	4.5	19	
SW20111-16-04	M16X1.5	6	04		19.5	4.5	22	
SW20111-16-05	M16X1.5	8	05		20	4.5	22	
SW20111-16-06	M16X1.5	10	06		20	4.5	22	
SW20111-18-05T	M18X1.5	8	05		21.5	4	24	
SW20111-18-06	M18X1.5	10	06		21.5	4	24	
SW20111-18-08	M18X1.5	12	08		22	4	24	
SW20111-20-06T	M20X1.5	10	06		20.5	5.5	24	
SW20111-20-08	M20X1.5	12	08		23	5.5	27	
SW20111-22-06T	M22X1.5	10	06		21	5	27	
SW20111-22-08	M22X1.5	12	08		23.5	5	27	
SW20111-22-10	M22X1.5	16	10		24	5	27	
SW20111-24-08T	M24X1.5	12	08		22	5.5	30	
SW20111-24-10	M24X1.5	16	10		25.5	5	30	
SW20111-27-08DT	M27X1.5	12	08		23	5.5	32	
SW20111-27-10DT	M27X1.5	16	10		26	5.5	32	
SW20111-27-12D	M27X1.5	20	12		26	5.5	32	
SW20111-27-10T	M27X2	16	10		24	7	32	
SW20111-30-12D	M30X1.5	20	12		26.5	6	36	
SW20111-30-12	M30X2	20	12		26.5	8	36	
SW20111-36-12T	M36X2	20	12		26	7	41	
SW20111-36-14T	M36X2	22	14		26	7	41	
SW20111-39-14T	M39X2	22	14		28.5	7	46	
SW20111-39-16T	M39X2	25	16		29.5	7	46	
SW20111-42-16T	M42X2	25	16		30	8.5	50	
SW20111-45-20T	M45X2	32	20		31.5	8.5	55	
SW20111-52-20T	M52X2	32	20		33	9	60	
SW20111-52-24T	M52X2	40	24		33	9	60	
SW20111-64-32T	M64X2	50	32		35	14	75	

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20112-xx-xx.

Two-Piece Fitting



SW20141



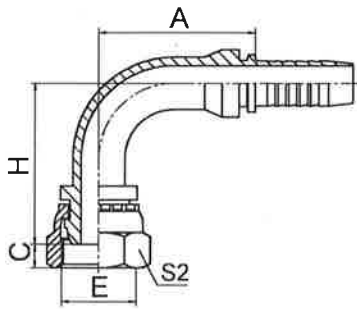
SW20141-T

45° METRIC FEMALE MULTISEAL

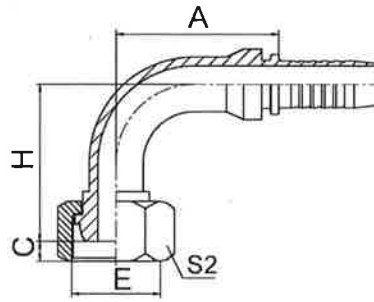
PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	H	S2
SW20141-10-03	M10X1	5	03		41.1	2.5	20.7	14
SW20141-10-04	M10X1	6	04		43.2	2.5	21.5	14
SW20141-12-03	M12X1.5	5	03		40.9	4	21.2	17
SW20141-12-04	M12X1.5	6	04		43	4	20.9	17
SW20141-14-04	M14X1.5	6	04		43.4	4.5	21.3	19
SW20141-14-05	M14X1.5	8	05		45.5	4.5	22.2	19
SW20141-16-04	M16X1.5	6	04		43.7	4.5	21.6	22
SW20141-16-05	M16X1.5	8	05		45.8	4.5	22.5	22
SW20141-16-06	M16X1.5	10	06		47.4	4.5	23.2	22
SW20141-18-05T	M18X1.5	8	05		46.8	4	22.6	24
SW20141-18-06	M18X1.5	10	06		48.5	4	24.2	24
SW20141-18-08	M18X1.5	12	08		52.2	4	25.7	24
SW20141-20-06T	M20X1.5	10	06		47.4	5.5	23.2	24
SW20141-20-08	M20X1.5	12	08		45	5.5	18.3	27
SW20141-22-06T	M22X1.5	10	06		47.8	5	23.5	27
SW20141-22-08	M22X1.5	12	08		62.5	5	27.5	27
SW20141-24-08T	M24X1.5	12	08		61.1	5.5	26.1	30
SW20141-24-10	M24X1.5	16	10		75.4	5	29.6	30
SW20141-27-10DT	M27X1.5	16	10		72.1	5.5	27.8	32
SW20141-27-10T	M27X2	16	10		72.1	5.5	27.8	32
SW20141-30-12D	M30X1.5	20	12		81.7	6	33.6	36
SW20141-30-12	M30X2	20	12		81.7	6	33.6	36
SW20141-39-16T	M39X2	25	16		89.5	7	34	46
SW20141-45-20T	M45X2	32	20		99.1	8.5	38.4	55
SW20141-52-24T	M52X2	40	24		114.1	9	43.4	60

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20142-xx-xx.

Two-Piece Fitting



SW20191

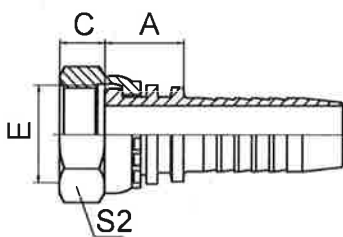


SW20191-T

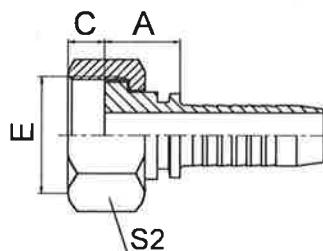
90° METRIC FEMALE MULTISEAL

PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	H	S2
SW20191-10-03	M10X1	5	03		27	2.5	35.5	14
SW20191-12-04	M12X1.5	6	04		30	4	37.5	17
SW20191-14-04	M14X1.5	6	04		30	4.5	38	19
SW20191-14-05	M14X1.5	8	05		33	4.5	38	19
SW20191-16-04	M16X1.5	6	04		30	4.5	38.5	22
SW20191-16-05	M16X1.5	8	05		33	4.5	41.5	22
SW20191-16-06	M16X1.5	10	06		35.3	4.5	43.8	22
SW20191-18-05T	M18X1.5	8	05		33	4	43	24
SW20191-18-06	M18X1.5	10	06		35.3	4	45.3	24
SW20191-18-08	M18X1.5	12	08		40.5	4	50.5	24
SW20191-20-06T	M20X1.5	10	06		35.3	5.5	43.8	24
SW20191-20-08	M20X1.5	12	08		39.5	5.5	39	27
SW20191-22-06T	M22X1.5	10	06		35.3	5	44.3	27
SW20191-22-08	M22X1.5	12	08		41	5	53	27
SW20191-24-08T	M24X1.5	12	08		41	5.5	51	30
SW20191-24-10	M24X1.5	16	10		58	5	58.5	30
SW20191-27-10DT	M27X1.5	16	10		56	5.5	55.5	32
SW20191-27-10T	M27X2	16	10		56	7.5	55.5	32
SW20191-30-12D	M30X1.5	20	12		66.2	6	68.5	36
SW20191-30-12	M30X2	20	12		66.2	8	68.5	36
SW20191-36-12T	M36X2	20	12		65.5	7	67	41
SW20191-39-16T	M39X2	25	16		76.7	7	73.5	46
SW20191-45-20T	M45X2	32	20		91.5	8.5	85	55
SW20191-52-24T	M52X2	40	24		109.4	9	100	60
SW20191-64-32T	M64X2	50	32		131.75	14	122.3	75
Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20192-xx-xx.								

Two-Piece Fitting



SW20211



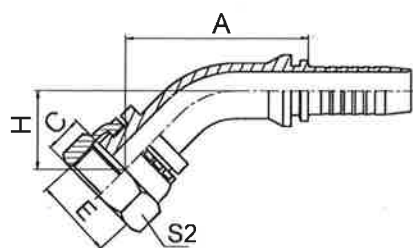
SW20211-T

GB METRIC FEMALE FLAT SEAT
REF. GB/T 9065.3

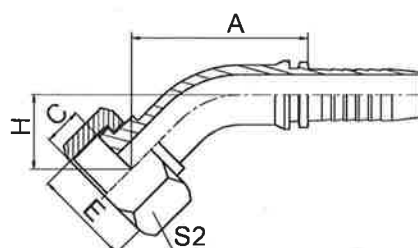
PART NO.	THREAD E	HOSE BORE			DIMENSIONS		
		DN	DASH		A	C	S2
SW20211-10-02	M10X1	4	02		14	6	14
SW20211-12-03	M12X1.25	5	03		14	8	17
SW20211-14-04	M14X1.5	6	04		15.5	8.5	19
SW20211-14-05	M14X1.5	8	05		15.5	8.5	19
SW20211-16-04	M16X1.5	6	04		16.5	8	22
SW20211-16-05	M16X1.5	8	05		16.5	8	22
SW20211-16-06	M16X1.5	10	06		16.5	8	22
SW20211-18-05T	M18X1.5	8	05		15	8	22
SW20211-18-06	M18X1.5	10	06		17.5	8	24
SW20211-20-06T	M20X1.5	10	06		16	10	24
SW20211-20-08	M20X1.5	12	08		18.5	10	27
SW20211-22-06T	M22X1.5	10	06		16	10	27
SW20211-22-08	M22X1.5	12	08		18.5	10	27
SW20211-22-10	M22X1.5	16	10		19	10	27
SW20211-24-08T	M24X1.5	12	08		16.5	11	30
SW20211-24-10	M24X1.5	16	10		20.5	10.5	30
SW20211-27-08T	M27X1.5	12	08		18.5	10	32
SW20211-27-10T	M27X1.5	16	10		19.5	10	32
SW20211-30-12	M30X1.5	20	12		21.5	11	36
SW20211-33-14	M33X2	22	14		21.5	13	41
SW20211-36-12T	M36X2	20	12		20	13	41
SW20211-36-14T	M36X2	22	14		20	13	41
SW20211-39-16T	M39X2	25	16		23.5	13	46
SW20211-42-20	M42X2	32	20		26	15	50
SW20211-45-20T	M45X2	32	20		25	15	55
SW20211-52-24T	M52X2	40	24		25	17	60
SW20211-60-28T	M60X2	45	28		26	20	70
SW20211-64-32T	M64X2	50	32		26	23	75

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20212-xx-xx.

Two-Piece Fitting



SW20231



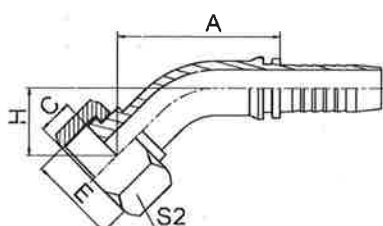
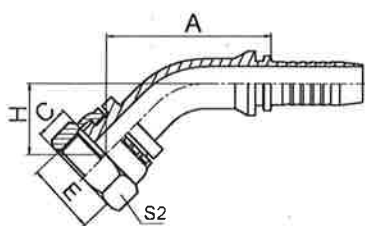
SW20231-T

30° METRIC FEMALE FLAT SEAT
REF. GB/T 9065.3

PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	H	S2
SW20231-22-08	M22X1.5	12	08		63.3	10	15	27
SW20231-27-10T	M27X1.5	16	10		73.7	10	15.1	32
SW20231-30-12	M30X1.5	20	12		84.4	11	18.6	36
SW20231-36-12T	M36X2	20	12		92.5	13	18.8	41
SW20231-39-16T	M39X2	25	16		90.2	13	17.8	46
SW20231-45-20T	M45X2	32	20		102.8	15	20	55
SW20231-52-24T	M52X2	40	24		116.2	17	21.8	60

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is 20232-xx-xx.

Two-Piece Fitting



SW20241

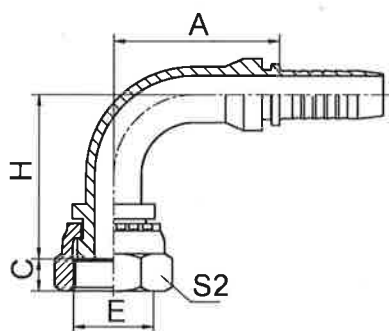
SW20241-T

45° METRIC FEMALE FLAT SEAT
REF. GB/T 9065.3

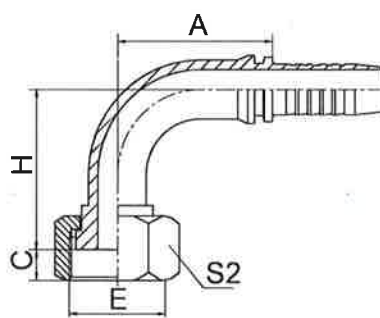
PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	H	S2
SW20241-14-04	M14X1.5	6	04		40.5	8.5	18.5	19
SW20241-14-05	M14X1.5	8	05		42.7	8.5	19.3	19
SW20241-16-05	M16X1.5	8	05		43.4	8	20	22
SW20241-18-06	M18X1.5	10	06		45.7	8	21.4	24
SW20241-22-08	M22X1.5	12	08		58.9	10	24	27
SW20241-27-10T	M27X1.5	16	10		68.6	10	24.3	32
SW20241-30-12	M30X1.5	20	12		77.4	11	30	36
SW20241-36-12T	M36X2	20	12		74.9	13	27.5	41
SW20241-36-14T	M36X2	22	14		77.3	13	27	41
SW20241-36-16	M36X2	25	16		85.7	13	31.5	41
SW20241-39-16T	M39X2	25	16		83.9	13	29.7	46
SW20241-42-20	M42X2	32	20		96	15	35.2	50
SW20241-45-20T	M45X2	32	20		94.5	15	33.8	55
SW20241-52-20T	M52X2	32	20		94.5	17	33.8	60
SW20241-52-24T	M52X2	40	24		108.5	17	37.7	60
SW20241-60-28T	M60X2	45	28		118.7	20	43.6	70
SW20241-64-32T	M64X2	50	32		127.8	23	45.6	75

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20242-xx-xx.

Two-Piece Fitting



SW20291



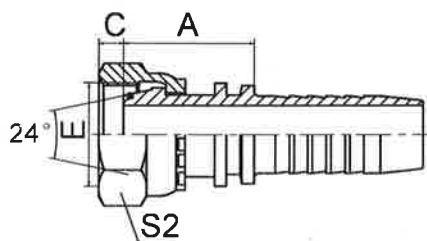
SW20291-T

90° METRIC FEMALE FLATSEAT
REF. GB/T 9065.3

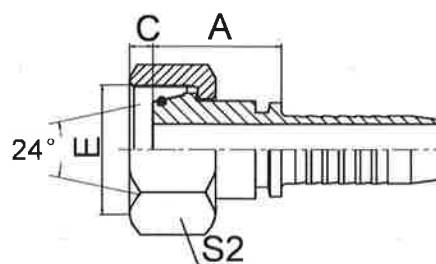
PART NO.	THREAD E	HOSE BORE			DIMENSIONS			
		DN	DASH		A	C	H	S2
SW20291-12-02	M12X1.25	4	02		26.5	8	30.5	17
SW20291-12-04	M12X1.25	6	04		30	8	33.5	17
SW20291-14-04	M14X1.5	6	04		30	8.5	34	19
SW20291-14-05	M14X1.5	8	05		33	8.5	37	19
SW20291-16-04	M16X1.5	6	04		30	8	35	22
SW20291-16-05	M16X1.5	8	05		33	8	38	22
SW20291-16-06	M16X1.5	10	06		35.3	8	40.3	22
SW20291-18-05T	M18X1.5	8	05		33	8	37	22
SW20291-18-06	M18X1.5	10	06		35.25	8	41.3	24
SW20291-22-08	M22X1.5	12	08		41	10	48	27
SW20291-22-10	M22X1.5	16	10		56	10	53	27
SW20291-24-08T	M24X1.5	12	08		41	11	45.5	30
SW20291-27-04T	M27X1.5	6	04		30	10	35.5	32
SW20291-27-08T	M27X1.5	12	08		41	10	46	32
SW20291-27-10T	M27X1.5	16	10		56	10	51	32
SW20291-30-12	M30X1.5	20	12		65.5	11	63.5	36
SW20291-33-14	M33X2	22	14		71.2	13	65	41
SW20291-36-14T	M36X2	22	14		71.2	13	61	41
SW20291-36-16	M36X2	25	16		76.7	13	70	41
SW20291-39-16T	M39X2	25	16		76.7	13	67.5	46
SW20291-42-20	M42X2	32	20		91.5	15	80.5	50
SW20291-45-20T	M45X2	32	20		91.5	15	78.5	55
SW20291-52-20T	M52X2	32	20		91.5	17	78.5	60
SW20291-52-24T	M52X2	40	24		109.4	17	92	60
SW20291-60-28T	M60X2	45	28		119.9	20	106.5	70
SW20291-64-32T	M64X2	50	32		131	23	113.3	75

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20292-xx-xx.

Two-Piece Fitting



SW20411



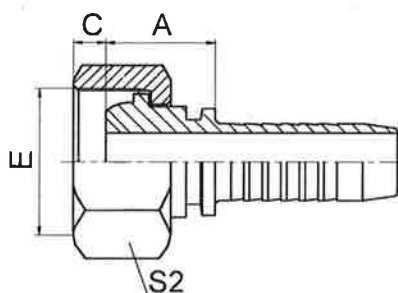
SW20411-T

METRIC FEMALE 24° CONE O-RING L.T.
ISO 12151-2--DIN 3865

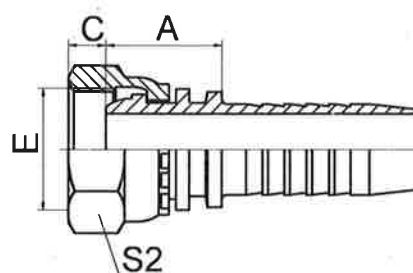
PART NO.	THREAD E	HOSE BORE		TUBE O.D.	O RING	DIMENSIONS		
		DN	DASH			A	C	S2
SW20411-12-04	M12X1.5	6	04	6	O04.5X1.5	22.5	1.4	14
SW20411-14-04	M14X1.5	6	04	8	O06.5X1.5	22.5	1.6	17
SW20411-14-06	M14X1.5	10	06	8	O06.5X1.5	23	1.6	17
SW20411-16-04	M16X1.5	6	04	10	O08.0X1.5	20.5	2.1	19
SW20411-16-05	M16X1.5	8	05	10	O08.0X1.5	22	2	19
SW20411-16-06	M16X1.5	10	06	10	O08.0X1.5	23.5	2	19
SW20411-18-05T	M18X1.5	8	05	12	O10.0X1.5	24.5	1.5	22
SW20411-18-06	M18X1.5	10	06	12	O10.0X1.5	27.5	1.5	22
SW20411-18-08	M18X1.5	12	08	12	O10.0X1.5	24.5	1.8	22
SW20411-22-05T	M22X1.5	8	05	15	O12.0X2.0	26.5	3	27
SW20411-22-06T	M22X1.5	10	06	15	O12.0X2.0	26.5	3	27
SW20411-22-08	M22X1.5	12	08	15	O12.0X2.0	29	2.5	27
SW20411-26-10	M26X1.5	16	10	18	O15.0X2.0	30	2.1	32
SW20411-26-12	M26X1.5	20	12	18	O15.0X2.0	28.5	2.1	32
SW20411-27-10T	M27X1.5	16	10	18	O15.0X2.0	35	2.1	32
SW20411-27-12	M27X1.5	20	12	18	O15.0X2.0	35	2.5	32
SW20411-30-10T	M30X2	16	10	22	O20.0X2.0	31	3.8	36
SW20411-30-12	M30X2	20	12	22	O20.0X2.0	34	4	36
SW20411-36-12T	M36X2	20	12	28	O26.0X2.0	33	4.5	41
SW20411-36-16T	M36X2	25	16	28	O26.0X2.0	33	4.5	41
SW20411-45-16T	M45X2	25	16	35	O32.0X2.5	37	4	50
SW20411-45-20T	M45X2	32	20	35	O32.0X2.5	37.5	4	50
SW20411-52-20T	M52X2	32	20	42	O38.0X2.5	38.5	4	60
SW20411-52-24T	M52X2	40	24	42	O38.0X2.5	38.5	4	60

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20412-xx-xx.

Two-Piece Fitting



SW20411C



SW20411C-T

METRIC FEMALE MULTISEAL L.T.

PART NO.	THREAD E	HOSE BORE		TUBE O.D.	DIMENSIONS		
		DN	DASH		A	C	S1
SW20411C-12-04	M12X1.5	6	04	6	19.5	3.5	14
SW20411C-14-04	M14X1.5	6	04	8	20.5	3.5	17
SW20411C-16-04	M16X1.5	6	04	10	20.5	4	19
SW20411C-16-05	M16X1.5	8	05	10	21	3.5	19
SW20411C-16-06	M16X1.5	10	06	10	21	3.5	19
SW20411C-18-06	M18X1.5	10	06	12	23	3	22
SW20411C-22-06T	M22X1.5	10	06	15	23	4.5	27
SW20411C-22-08	M22X1.5	12	08	15	25	4.5	27
SW20411C-26-10	M26X1.5	16	10	18	26	4	32
SW20411C-30-10T	M30X2	16	10	22	26	7	36
SW20411C-30-12	M30X2	20	12	22	26	7	36
SW20411C-30-14	M30X2	22	14	22	27	7	36
SW20411C-36-16	M36X2	25	16	28	29	6.5	41
SW20411C-45-20T	M45X2	32	20	35	33	7	50
SW20411C-52-24T	M52X2	40	24	42	34	8	60

Note: 1.For use with braided hoses. 2.If use with spiral hoses, hose fitting series number is SW20412C-xx-xx.