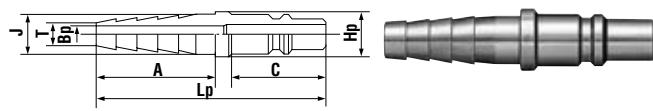


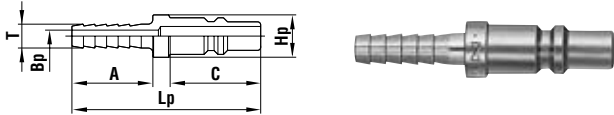
Models and Dimensions

Plug PH type (Hose barb)



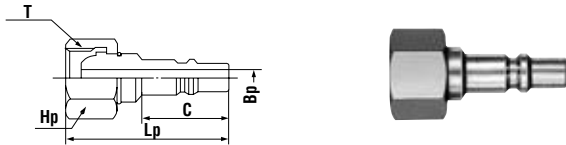
Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)						
				Lp	C	A	øHp	øT	øJ	øBp
For Oxygen	S22PH	1/4" • 5/16"	17	58	23.5	30	11	6.7	9.5	4.5
For Fuel Gas	S33PH	5/16" • 3/8"	22	59.5	25.5	30	14	7.5	11	6
For Fuel Gas	S32PH*	1/4" • 5/16"	20	59.5	25.5	30	14	6.2	9	4.5

Plug PH type (Hose barb of smaller diameters)



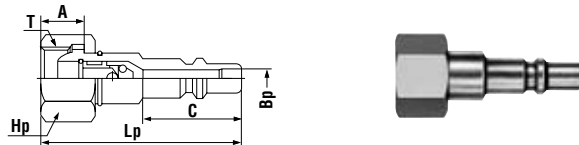
Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)					
				Lp	C	A	øHp	øBp	øT
For Oxygen	S225PH	5mm ID	12	49	23.5	21	11	3.1	6.2
For Fuel Gas	S335PH	5mm ID	15	50.5	25.5	21	14	3.1	6.2

Plug PF type (Female thread for torch connection)



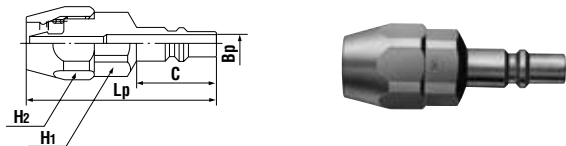
Usage	Model	Application	Mass (g)	Dimensions (mm)				
				Lp	C	Hp(WAF)	T	øBp
For Oxygen	S22PF	For oxygen torch side	35	43	23.5	Hex.19	M16x1.5	5
For Fuel Gas	S33PF	Fox fuel gas torch side	32	44.5	25.5	Hex.19	M16x1.5 left-hand thread	7.5

Plug PFB type (Female thread with backflow stop valve)



Usage	Model	Application	Mass (g)	Dimensions (mm)					
				Lp	C	A	øHp	øT	øBp
For Oxygen	S23PFB-2*	For oxygen torch side	48	51	23.5	13	Hex.21	BS 3/8	4.5
For Fuel Gas	S33PFB-2*	Fox fuel gas torch side	52	50.5	25.5	21	Hex.21	BS 3/8 left-hand thread	4.5

Plug PN type (Nut type for small diameter hose)



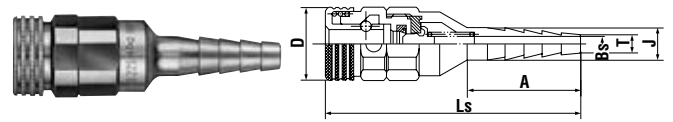
Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)				
				Lp	C	H1(WAF)	H2(WAF)	øBp
For Oxygen	S22PN	5mm ID	54	53.5	23.5	Hex.17	Hex.19	5
For Fuel Gas	S33PN	5mm ID	57	54.5	25.5	Hex.17	Hex.19	7.5

Application example



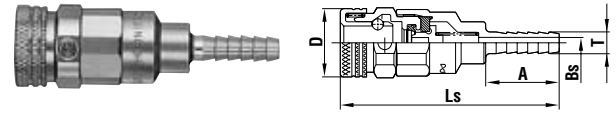
Welding and cutting torches

Socket SH type (Hose barb)



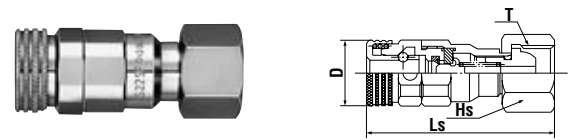
Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)					
				Ls	øD	A	øT	øJ	øBs
For Oxygen	S22SH	1/4" • 5/16"	50	64.5	19.5	30	6.7	9.5	4.5
For Fuel Gas	S33SH	5/16" • 3/8"	73	68.5	22	30	7.5	11	6
For Fuel Gas	S32SH*	1/4" • 5/16"	74	72.5	22	30	6.2	9	4.5

Socket SH type (Hose barb of smaller diameters)



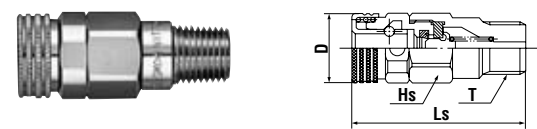
Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)				
				Ls	øD	A	øBs	øT
For Oxygen	S225SH	5mm ID	54	62.5	19.5	21	3.1	6.2
For Fuel Gas	S335SH	5mm ID	65	63	22	21	3.1	6.2

Socket SF type (Female thread for cylinder connection)



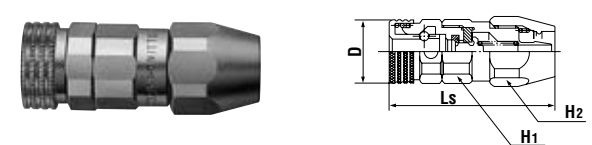
Usage	Model	Application	Mass (g)	Dimensions (mm)			
				Ls	øD	T	HS(WAF)
For Oxygen	S22SF	For oxygen gauge side	74	52.5	19.5	M16x1.5	Hex.19
For Fuel Gas	S33SF	For fuel gas gauge side	97	58	22	M16x1.5 left-hand thread	Hex.19
For Oxygen	S23SF*	For oxygen gauge side	82	54.5	19.5	BS 3/8	Hex.21
For Fuel Gas	S33SF*	For fuel gas gauge side	88	59.5	22	BS 3/8 left-hand thread	Hex.21

Socket SM type (Male thread)



Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)			
				Ls	øD	HS(WAF)	T
For Oxygen	S22SM	Rc 1/4	58	48.5	19.5	Hex.18	R 1/4
For Fuel Gas	S33SM	Rc 3/8	85	52.5	22	Hex.21	R 3/8

Socket SN type (Nut type for small diameter hose)



Usage	Model	Application (Hose)	Mass (g)	Dimensions (mm)			
				Ls	øD	H1(WAF)	H2(WAF)
For Oxygen	S22SN	5mm ID	74	52	19.5	Hex.17	Hex.19
For Fuel Gas	S33SN	5mm ID	91	57.5	22	Hex.21	Hex.19

* Made-to-order item.

• Available hose sizes are ø5mm x ø11.2mm, ø5mm x ø11.5mm and ø5mm x ø11.8mm.

Select the combination in accordance with your own application.

Male thread	For regulator	For extension hose	For torch
Suggested combination SM x PH	Suggested combination SF x PH	Suggested combination SH x PH	Suggested combination SH x PF

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.