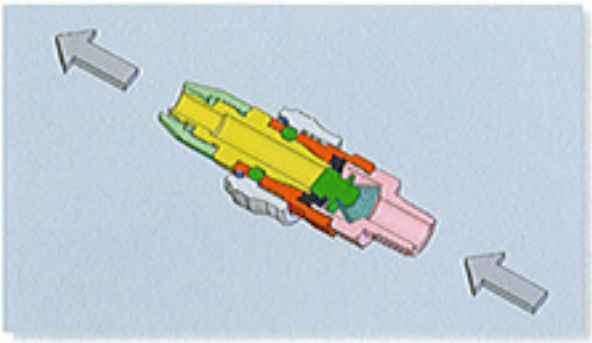
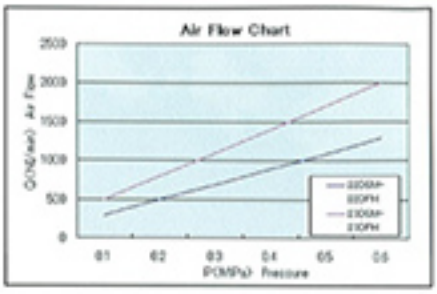
Standard Air Coupling

Interchange with Japanese standard plug

Can be used for general air coupling
at the factory or use with air tools.
Rotary (swivel) type is available as standard.
Stainless made available.



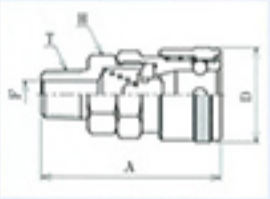


Body Material	Steel , Stainless(20 series only)
Max. Pressure	1.5 MPa
Burst Pressure	2.0 MPa
Sealing material	NBR (Viton is available upon request)
Temparature range in use	-20℃ ~ +80℃

Standard Socket

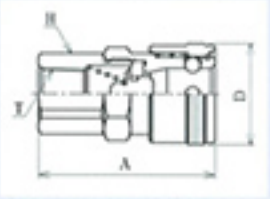
Male thread Socket

Series	Model	Thread	A	ϕD	ϕF	H	Weight(g)
20 Type	22-DSM	R1/4	50	25	7.5	19	76
	23-DSM	R3/8	50	25	8	19	86
	24-DSM	R1/2	51.5	25	13	21	91
40 Type	44-DSM	R1/2	63	36	14	29	209
	46-DSM	R3/4	67	36	16	29	234
	48-DSM	R1	72	36	16	36	335



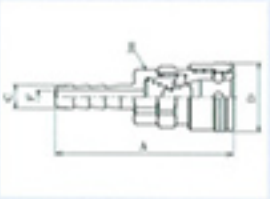
Female Thread Socket

Series	Model	Thread	A	ϕD	H	Weight(g)
20 Type	22-DSF	Rc1/4	46	25	19	81
	23-DSF	Rc3/8	50.5	25	21	93
	24-DSF	Rc1/2	51	25	26	112
40 Type	44-DSF	Rc1/2	57	36	29	217
	46-DSF	Rc3/4	61	36	32	231
	48-DSF	Rc1	68	36	41	323



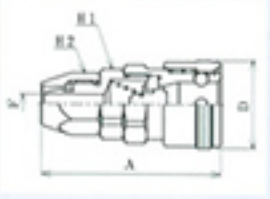
Barb (hose) connection Socket

Series	Model	Hose ID	A	ϕC	ϕD	ϕF	H	Weight(g)
20 Type	22-DSH	1/4	67	9	25	5	19	78
	23-DSH	3/8	71	11.3	25	7.5	19	81
	24-DSH	1/2	71	15	25	9	19	94
40 Type	44-DSH	1/2	83	15	36	9	29	219
	46-DSH	3/4	92	21	36	14	29	244
	48-DSH	1	102	27	36	16	29	324



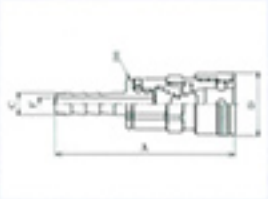
Nut Connection (For polyurethane Hose) Socket

Model	Hose Size	A	ϕD	ϕF	H1	H2	Weight(g)
50-DSC	5.0×8.0	51	25	4	19	14	82
65-DSC	6.5×10.0	53	25	5.7	19	16	86
70-DSC	7.0×10.5	53	25	5.7	19	16	86
80-DSC	8.0×12.0	56	25	6.5	19	19	100
85-DSC	8.5×12.5	56	25	6.5	19	19	100
110-DSC	11.0×16.0	61	25	9.5	21	23	131



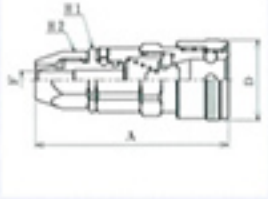
Barb (hose) connection Socket with Rotary function

Model	Hose ID	A	ϕC	ϕD	ϕF	H	Weight(g)
22-SHR	1/4	68	9	25	5	19	93
23-SHR	3/8	68	11.3	25	7.5	19	93
24-SHR	1/2	71	15	25	9	19	105



Nut Connection Socket (For polyurethane Hose) with Rotary function

Model	Hose Size	A	ϕD	ϕF	H1	H2	Weight(g)
50-SRB	5.0×8.0	61	25	4	19	14	100
65-SRB	6.5×10.0	63	25	5.7	19	16	104
70-SRB	7.0×10.5	63	25	5.7	19	16	104
80-SRB	8.0×12.0	66	25	6.5	19	19	118
85-SRB	8.5×12.5	66	25	6.5	19	19	118
110-SRB	11.0×16.0	75.5	25	9.5	21	23	160



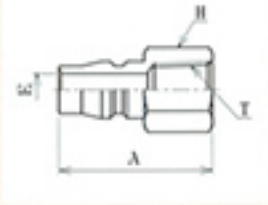
Standard Plug

Male Thread Plug

Model	Thread	A	ϕE	ϕF	H	Weight(g)
21-DPM	R1/8	37	7.5	5	14	22
22-DPM	R1/4	41	7.5	7.5	14	26
23-DPM	R3/8	42	7.5	8	19	39
24-DPM	R1/2	42.5	7.5	13	21	49
44-DPM	R1/2	50	13	13	22	68
46-DPM	R3/4	55	13	19	29	103
48-DPM	R1	63	13	22	36	199

Female Thread Plug

Model	Thread	A	ϕE	H	Weight(g)
21-DPF	Rc1/8	32	7.5	14	20
22-DPF	Rc1/4	36	7.5	17	29
22-DPFF	G1/4	31	7.5	17	22
23-DPF	Rc3/8	37.5	7.5	21	40
24-DPF	Rc1/2	39	7.5	26	57
44-DPF	Rc1/2	41	13	27	68
46-DPF	Rc3/4	45	13	32	97
48-DPF	Rc1	54	13	41	199

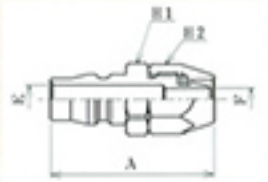


Barb (Hose) connection Plug

Model	Hose ID	A	ϕB	ϕC	ϕE	ϕF	Weight(g)
21-DPH	1/8	46	14	7.5	7.5	4.2	20
22-DPH	1/4	57	16	9	7.5	5	28
23-DPH	3/8	61	16	11.3	7.5	7.5	32
24-DPH	1/2	65	18	15	7.5	9	51
44-DPH	1/2	66	22	15	13	9	64
46-DPH	3/4	77	25	21	13	13	106
48-DPH	1	84	32	27	13	20	149

Nut Connection (For Polyurethane Hose) Plug

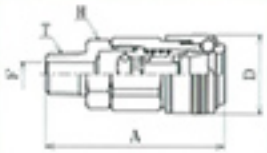
Model	Hose Size	A	ϕE	ϕF	H1	H2	Weight(g)
50-DPC	5.0×8.0	41	7.5	4	17	14	33
65-DPC	6.5×10.0	43.5	7.5	5.7	17	16	40
70-DPC	7.0×10.5	43.5	7.5	5.7	17	16	40
80-DPC	8.0×12.0	46	7.5	6.5	19	19	59
85-DPC	8.5×12.5	46	7.5	6.5	19	19	59
110-DPC	11.0×16.0	54	7.5	9.5	24	23	100



One touch Socket

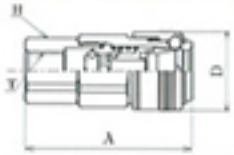
Male thread Socket

Model	Thread	A	ϕD	ϕF	H	Weight(g)
22-SOM	R1/4	58	25	7.5	19	81
23-SOM	R3/8	59	25	8	19	91
24-SOM	R1/2	59	25	13	21	96



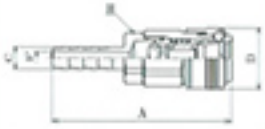
Female Thread Socket

Model	Thread	A	ϕD	H	Weight(g)
22-SOF	Rc1/4	54	25	19	86
23-SOF	Rc3/8	58	25	21	98
24-SOF	Rc1/2	59	25	26	117



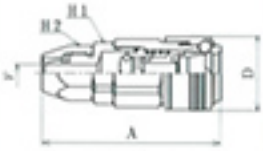
Barb (hose) connection

Model	Hose ID	A	ϕC	ϕD	ϕF	H	Weight(g)
22-SOH	1/4	75	9	25	5	19	83
23-SOH	3/8	79	11.3	25	7.5	21	87
24-SOH	1/2	79	15	25	9	26	99



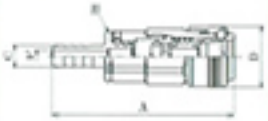
Nut Connection (For polyurethane Hose)

Model	Hose Size	A	ϕD	ϕF	H1	H2	Weight(g)
50-SOC	5.0×8.0	29	25	4	19	14	86
65-SOC	6.5×10.0	61	25	5.7	19	16	90
70-SOC	7.0×10.5	61	25	5.7	19	19	90
80-SOC	8.0×12.0	64	25	6.5	19	19	104
85-SOC	8.5×12.5	64	25	6.5	19	19	104
110-SOC	11.0×16.0	69	25	9.5	21	23	135



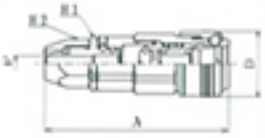
Barb (hose) connection with Rotary function

Model	Hose ID	A	ϕC	ϕD	ϕF	H	Weight(g)
22-SOHR	1/4	76	9	25	5	19	98
23-SOHR	3/8	76	11.3	25	7.5	19	98
24-SOHR	1/2	79	15	25	9	19	109



Nut Connection (For polyurethane Hose) with Rotary function

Model	Hose Size	A	ϕD	ϕF	H1	H2	Weight(g)
50-SOR	5.0×8.0	69	25	4	19	14	104
65-SOR	6.5×10.0	71	25	5.7	19	16	108
70-SOR	7.0×10.5	71	25	5.7	19	16	108
80-SOR	8.0×12.0	74	25	6.5	19	19	122
85-SOR	8.5×12.5	74	25	6.5	19	19	122
110-SOR	11.0×16.0	83	25	9.5	21	23	164



Nut Connection (For polyurethane Hose) with Rotary function & Sleeve Lock

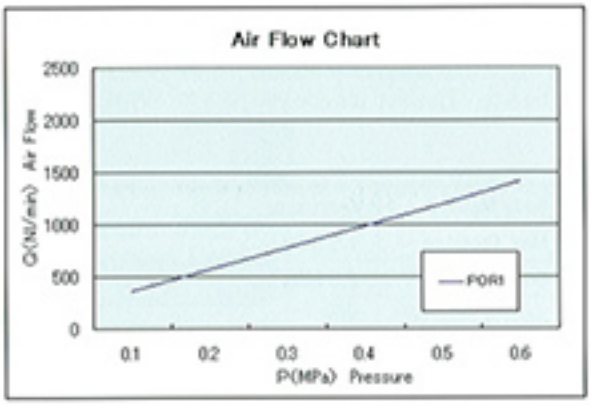
Model	Hose Size	A	ϕD	ϕF	H1	H2	Weight(g)
50-SOL	5.0×8.0	69	25	4	19	14	104
65-SOL	6.5×10.0	71	25	5.7	19	16	108
70-SOL	7.0×10.5	71	25	5.7	19	16	108
80-SOL	8.0×12.0	74	25	6.5	19	19	122
85-SOL	8.5×12.5	74	25	6.5	19	19	122
110-SOL	11.0×16.0	83	25	9.5	21	23	164

Manifold Type One Touch Coupling

Manifold Type Coupling

It is easy to branch air line. 3 types are available. Rotary block type 2-outlet, fixed type 2-outlet and 3-outlet are prepared depending on your requirements.

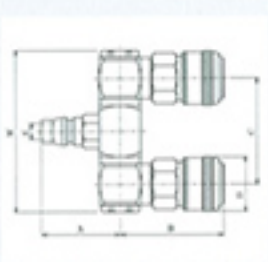
Body Material	Steel
Max. Pressure	1.5 MPa
Burst Pressure	2.0 MPa
Sealing material	NBR
Temperature range in use	-20℃ ~ +80℃



Manifold Coupling

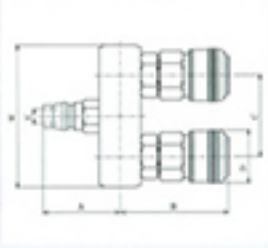
One Touch Pair Rotary Type

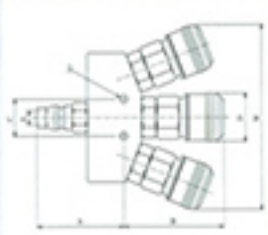
Model	A	B	C	ϕD	ϕE	W	Weight(g)
POR1	28	50	50.5	25	7.5	71	377



One Touch Pair Type

Model	A	B	C	ϕD	ϕE	W	Weight(g)
PO1	28	53	40	25	7.5	70	269



One Touch Triple Outlet Type

Model	A	B	C	ϕD	E	ϕG	W	Weight(g)
TO1	47.7	55	20	25	7.5	4.4	100	385