

## CA TYPE LARGE FLOW QUICK COUPLING

(Applicable for standard pressure and single shut-off type)

### Features

1. When plug insert into socket, the valve of socket opened; when plug be removed, the valve of socket closed, it is not requirement controlling valve when connecting.
2. Female thread, male thread & hose nipple construction suit various ways of connecting.
3. Material: Brass, Stainless Steel & Steel.

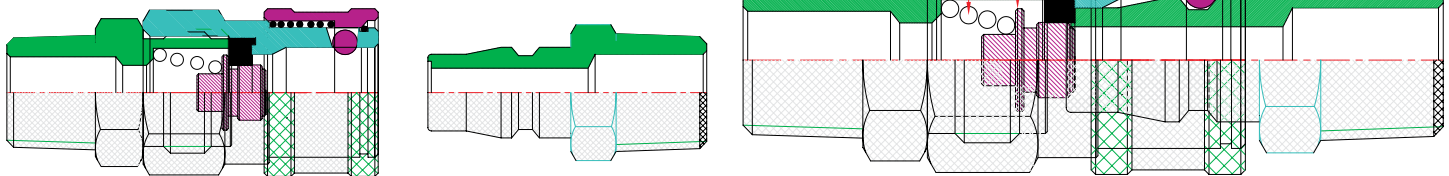
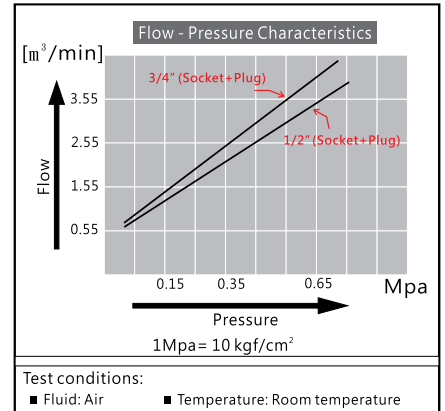
### Directions

#### Releasing:

When sleeve pulled, steel ball roll out automatically, plug rebound away by valve spring, hence valve closed automatically for stopping fluid flow.

#### Fitting:

When plug inserted into socket, valve opened causes fluid flow, sleeve pushed back to original location by sleeve spring causes steel ball locked valve keeping absolutely connecting. Stop ring prevents leaking completely.



### Specification

Model		400	600	800	
Size		1/2"	3/4"	1"	
Material		Steel SC / Brass BSBM / Stainless Steel SUS 304&316			
Connection method	Socket	Female screw [F] / Male screw [M] / Hose nipple [H]			
	Plug				
Working pressure / Max. working pressure	Steel	15 / 20 (kgf/cm <sup>2</sup> )	1.5 / 2.0 (MPa)	213 / 284 (psi)	15 / 20 (bar)
	Brass	10 / 15 (kgf/cm <sup>2</sup> )	1.0 / 1.5 (MPa)	142 / 213 (psi)	10 / 15 (bar)
	Stainless Steel	15 / 20 (kgf/cm <sup>2</sup> )	1.5 / 2.0 (MPa)	213 / 284 (psi)	15 / 20 (bar)
Seal material: Working temperature range	Standard	NBR: -20°C ~ +80°C (-4°F ~ +176°F)			
	Optional	VITON: -20°C ~ +180°C (-4°F ~ +356°F)    EPDM: -40°C ~ +150°C (-40°F ~ +302°F)			
Applicable fluid		Oil / Air / Water			
Use		Pneumatic tool, Pneumatic piping, Pneumatic machinery, Water piping, etc.			

• Chrome-plated

### Max. Tightening Torque

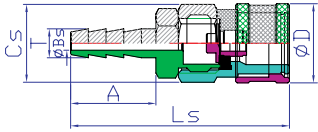
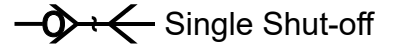
Model		400	600	800
Size		1/2"	3/4"	1"
Torque N.m (kgf.cm)	Steel	60 (612)	100 (1020)	120 (1224)
	Brass	30 (306)	50 (510)	65 (663)
	Stainless Steel	60 (612)	100 (1020)	120 (1224)

### Notices

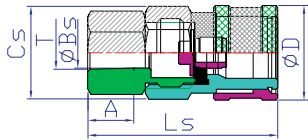
- It is a single valve design so that direction of flowing must be from socket to plug.
- When connect with vibration tools or machines, connecting with an approximate 30cm long hose between coupler and tool / machine.



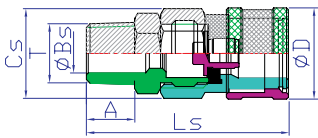
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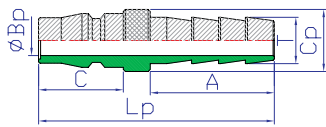
Computer No	Product Sign	Dimension (mm)					
		Ls	D	Cs	A	T	Bs
SUS A2335CAJA	400SH	83	35	Ø36.7*6HEX*32D	35	15	10
BRASS A0135CAJA	600SH	87	35	Ø36.7*6HEX*32D	39	21	14
STEEL A1135CAJA	800SH	90	35	Ø36.7*6HEX*32D	42	27	19.5



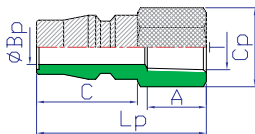
Computer No	Product Sign	Dimension (mm)					
		Ls	D	Cs	A	T	Bs
SUS A2335CAJA	400SF	58.5	35	Ø36.7*6HEX*32D	16	PT1/2"14P	15
BRASS A0135CAJA	600SF	60	35	Ø36.7*6HEX*32D	17.5	PT3/4"14P	15
STEEL A1135CAJA	800SF	62	35	Ø36.7*6HEX*32D	19	PT1"11P	15



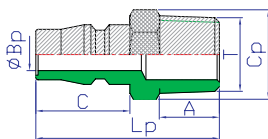
Computer No	Product Sign	Dimension (mm)					
		Ls	D	Cs	A	T	Bs
SUS A2335CAJA	400SM	63	35	Ø36.7*6HEX*32D	16	PT1/2"14P	14
BRASS A0135CAJA	600SM	65	35	Ø36.7*6HEX*32D	18	PT3/4"14P	15
STEEL A1135CAJA	800SM	67	35	Ø36.7*6HEX*32D	20	PT1"11P	15



Computer No	Product Sign	Dimension (mm)					
		Lp	C	Cp	A	T	Bp
SUS A2335CAJA	400PH	68	23.5	22	35	15	12.5
BRASS A0135CAJA	600PH	72	23.5	25	39	21	12.5
STEEL A1135CAJA	800PH	75	23.5	30	42	27	12.5



Computer No	Product Sign	Dimension (mm)					
		Lp	C	Cp	A	T	Bp
SUS A2335CAJA	400PF	42	23.5	Ø30*6HEX*26D	16	PT1/2"14P	12.5
BRASS A0135CAJA	600PF	43.5	23.5	Ø37*6HEX*32D	17.5	PT3/4"14P	12.5
STEEL A1135CAJA	800PF	45.5	23.5	Ø43.7*6HEX*38D	19	PT1"11P	12.5



Computer No	Product Sign	Dimension (mm)					
		Lp	C	Cp	A	T	Bp
SUS A2335CAJA	400PM	49	23.5	Ø24*6HEX*21D	16	PT1/2"14P	12.5
BRASS A0135CAJA	600PM	51	23.5	Ø31*6HEX*27D	18	PT3/4"14P	12.5
STEEL A1135CAJA	800PM	53	23.5	Ø40*6HEX*35D	20	PT1"11P	12.5

Coupling Releasing

P & S



Coupling Fitting

P + S



Dimension of T: NPT, BSP, etc. are available to produce besides PT. (Welcome to order special threads)