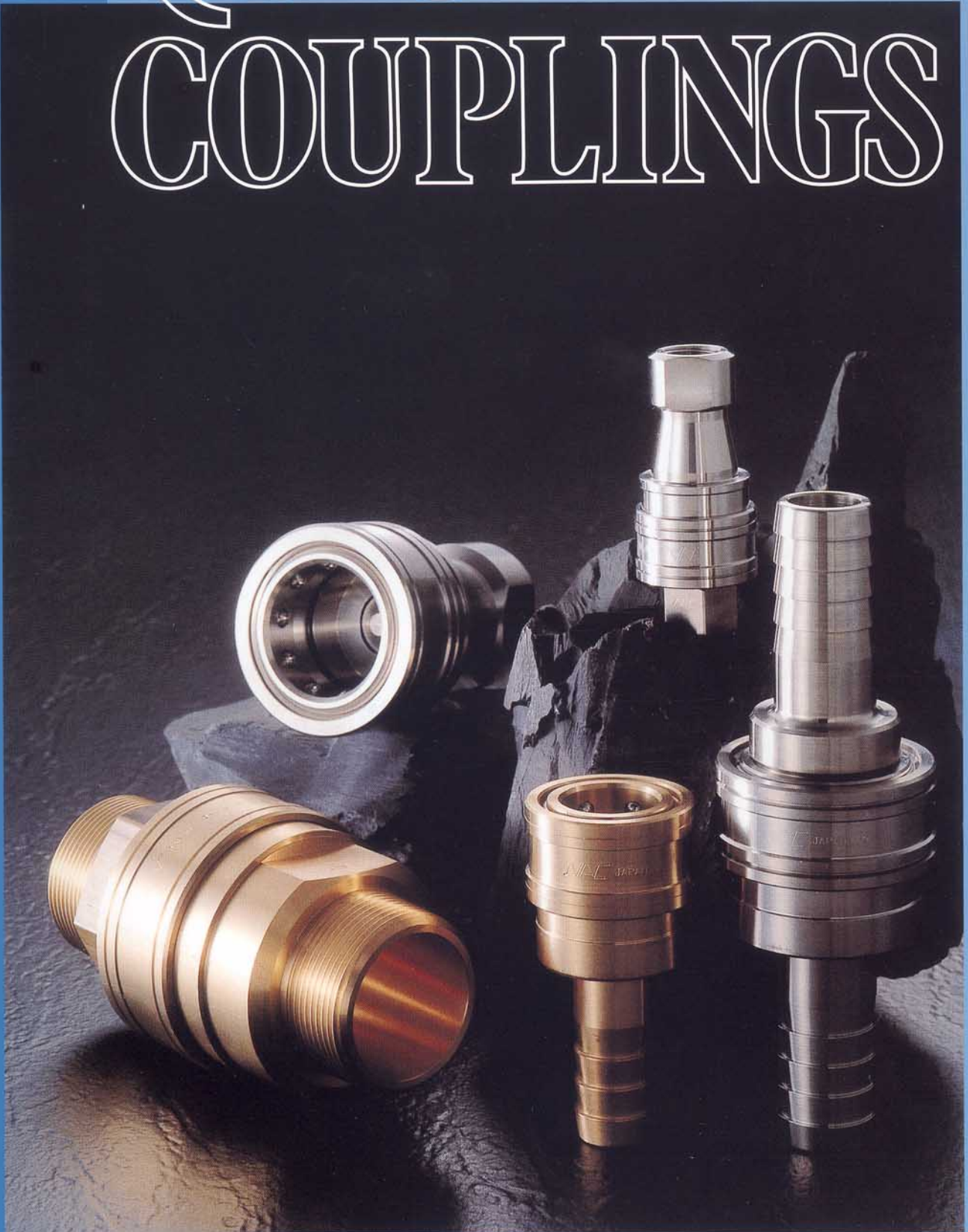


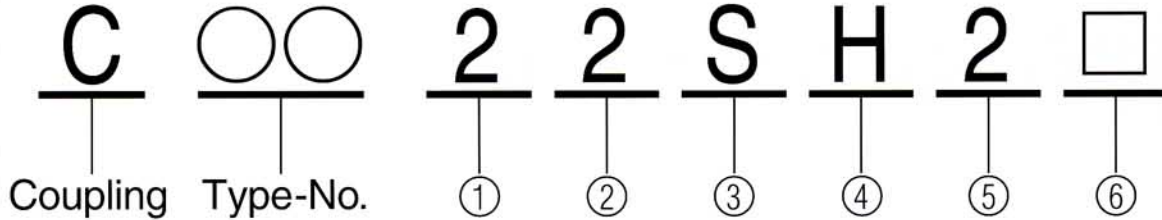
QUICK **NAC** COUPLINGS



NAGAHORI INDUSTRY CO.,LTD.

We are ISO14001 certified in 2002 and ISO9001 in 2000.

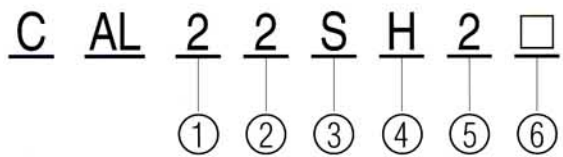
Product Number Guide



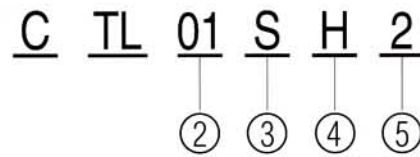
① AL only	② Size	③ Socket/ Plug	④ Connection	⑤ Body Material	⑥ Addition
1=10	1=01=1/8"	S=Socket	H=Hose	No Mark <small>(AL type)</small>	L=Lock type
2=20	2=02=1/4"	P=Plug	M=Male Thread	=Steel <small>(chrome-plated)</small>	V=Vacuum
4=40	3=03=3/8"		F=Female Thread	<small>(TL,S-P,H-P type)</small>	
	4=04=1/2"		A=Nut	=Steel <small>(zinc-plated)</small>	
	6=06=3/4"		B=Nut		
	8=08=1"			2=Brass	
	10=1 1/4"			3=Stainless steel <small>(SUS304)</small>	
	12=1 1/2"			4=Stainless steel <small>(SUS316)</small>	
	16=2"				

<EXAMPLES>

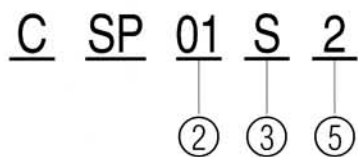
(AL TYPE)



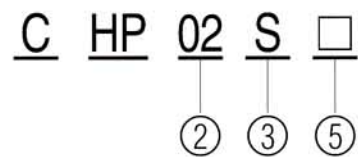
(TL TYPE)



(S·P TYPE)



(H·P TYPE)



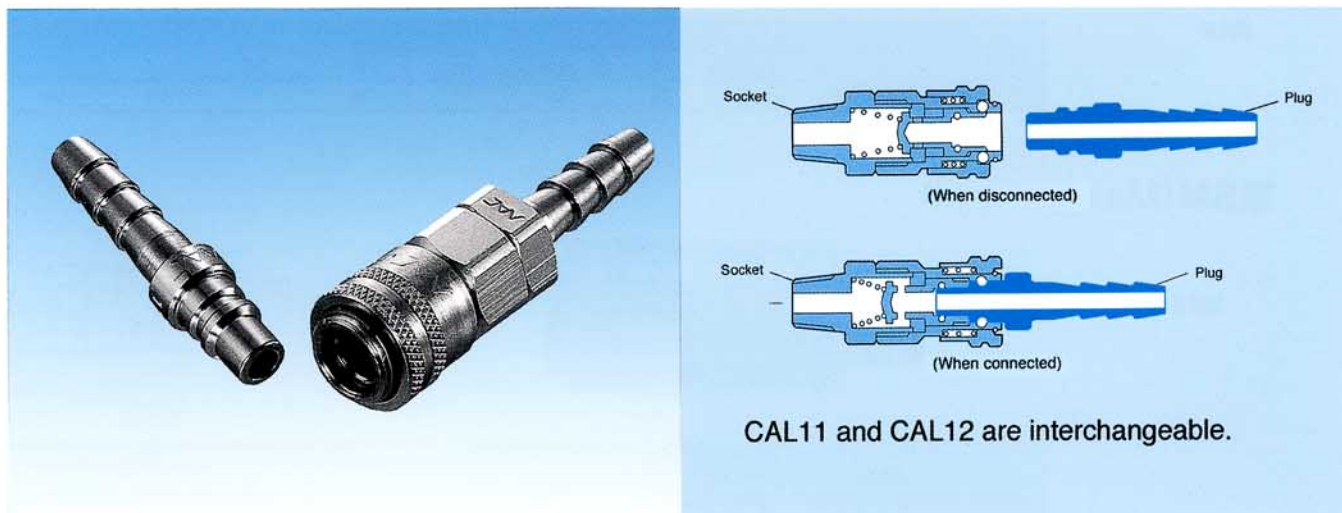
QUICK COUPLING CAL TYPE SUPER TEN

SINGLE VALVE SUPER TEN TYPE

SH-PH(Hose nipple)

SM-PM(Male thread)

SF-PF(Female thread)



<SPECIFICATION>

Type	Super ten	
Model No.	CAL11	CAL12
Nominal size	1/8"	1/4"
Body material	Socket	Brass Chrome-plated
	Plug	Steel Chrome-plated
Connection	Socket	Female thread(F),Male thread(M), Hose nipple(H),Nut(B)
	Plug	
Normal pressure MPa(kgf/cm ²) Max.pressure MPa(kgf/cm ²)	Normal pressure 1.0(10) Max.pressure 1.5(15)	
Packing material	Standard	Nitrile rubber (NBR): -20°C~+80°C
	Option	Fluoro rubber (FPM): -20°C~+180°C
Applications	Air piping,Air tools,Air pressure equipment,etc.	

- One hand operation allows fast and easy connection and disconnection.
- User friendly light weight design reduces pneumatic operators hand fatigue.
- Sockets and plugs are connected among AL type super ten series.

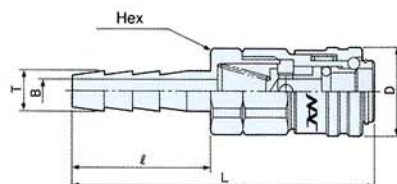
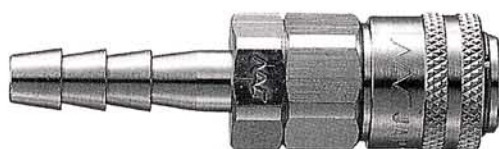
Caution

- For vibration or impact tools use, put intermediate hose (about 30 cm) between plug and tool.
- Fluid should flow from socket to plug.

QUICK COUPLING CAL TYPE SUPER TEN BRASS <chrome-plated>

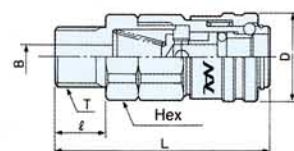
SOCKET

■ SH (Hose nipple)



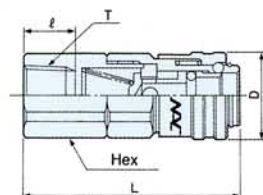
Type	Model	Hose size	Dimensions(mm)						Weight (gf)
			L	φ D	Hex	ℓ	φ B	φ T	
Super10	CAL12SH	1/4" Hose	66	19	17	30	5	8.5	52

■ SM (Male thread)



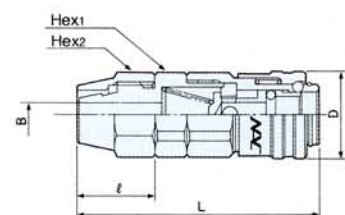
Type	Model	Application	Dimensions(mm)						Weight (gf)
			L	φ D	Hex	ℓ	φ B	T	
Super10	CAL11SM	Rc	45	19	17	9	5	R	48
	CAL12SM	Rc	47	19	17	13	6	R	53

■ SF (Female thread)



Type	Model	Application	Dimensions(mm)					Weight (gf)
			L	φ D	Hex	ℓ	T	
Super10	CAL12SF	R	45	19	17	9	Rc	54

■ SB (Nut)

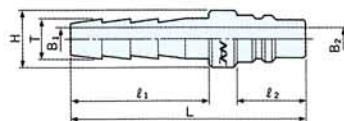


Type	Model	Hose size I.D. X O.D.	Dimensions(mm)						Weight (gf)
			L	φ D	Hex1	Hex2	ℓ	φ B	
Super10	CAL11SB	5 X 8	51	19	17	14	15	4.5	58
	CAL12SB	6.5 X 10	53	19	17	17	17	5.3	64

QUICK COUPLING CAL TYPE SUPERTEN STEEL <chrome-plated>

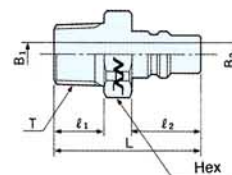
PLUG

■PH (Hose nipple)



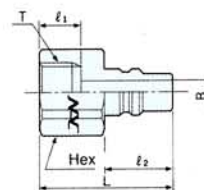
Type	Model	Hose size	Dimensions(mm)							Weight (gf)
			L	φ H	∅ 1	∅ 2	φ T	φ B1	φ B2	
Super10	CAL12PH	1/4" Hose	51	12	30	15	8.5	5	5	17

■PM (Male thread)



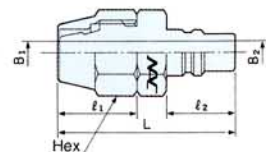
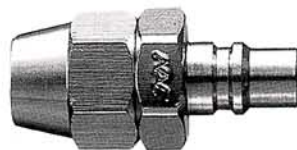
Type	Model	Application	Dimensions(mm)							Weight (gf)
			L	Hex	∅ 1	∅ 2	T	φ B1	φ B2	
Super10	CAL11PM	Rc	31	12	10	15	R	6	6	10
	CAL12PM	Rc	34	17	13	15	R	6	6	21

■PF (Female thread)



Type	Model	Application	Dimensions(mm)						Weight (gf)
			L	Hex	∅ 1	∅ 2	T	φ B	
Super10	CAL12PF	R	29	17	14	15	Rc	6	20

■PB (Nut)



Type	Model	Hose size	Dimensions(mm)						Weight (gf)
		I.D.×O.D.	L	Hex	∅ 1	∅ 2	φ B1	φ B2	
Super10	CAL11PB	5×8	36	14	15	15	4.5	6	23
	CAL12PB	6.5×10	38	17	17	15	5.3	6	33