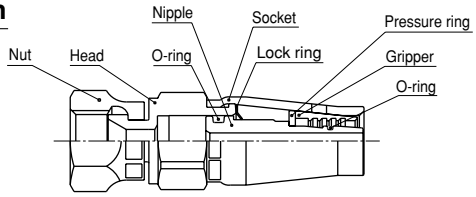
Push-one type

Campucka



The Campucka coupling enables push-one connection in the hose-coupling assembling
Without any swaging machine, the on-site assembling can be performed easily without fail.

Cross-sectional structure diagram



Assembling method P.73

Swaging type

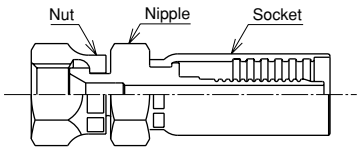
Swage



The swage coupling is attached to the hose by swaging.
The coupling and the hose can be easily swaged (assembled) with a manual assembling tool [Mark10], or a hydraulic assembling machine [Mark9].

☞ Some couplers and hoses have to be assembled in our factory.

Cross-sectional structure diagram



Assembling method P.75

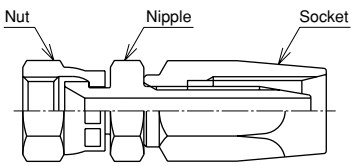
Compression type

Reusable



The reusable coupling is used to screw in a hose. On-site assembling is possible and the detached coupling is reusable

Cross-sectional structure diagram



Assembling method P.81

List of hose connection shapes

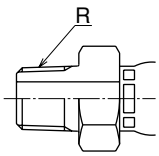
Example of part number

SE-PF-04 - (N30) - (S)

- Material
  - No indication = steel
  - Surface finishing: Campucka and Swage types: zinc electrogalvanized with color chromating (Ep-Fe/Zn5/CM2); Reusable type: zinc electrogalvanized with color chromating (Ep-Fe/Zn5/CM1)
  - ☞ F-type nipple is processed by zinc galvanization with color chromating.
  - S = SUS304, S6 = SUS316, PW = SUS316 for 34PW hose
- Hose part number (No indication = N3130, 3130, 3700, 3000, 14 = 1000,1100, 1400, 1500, N30, N3000, HT, 3R = 3R80, 3V = 3V10, 3VE0, 55 = 5501, PW = 34PW)
- Hose size (02 = 1/8", 03 = 3/16", 04 = 1/4", 05 = 5/16, 06 = 3/8", 08 = 1/2", 10 = 5/8", 12 = 3/4", 16 = 1")
- Thread type (PT(R), PF(G), NPSM, UNF (Only size is shown))
- Type and shape of coupling (see below)

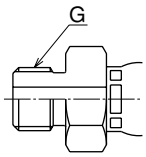
Tapered male-thread coupling

SA (Swage)
A (Reusable)
CA (Campucka)



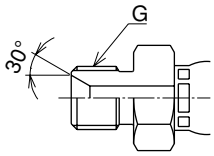
O-ring port coupling with parallel male-thread

SO (Swage)



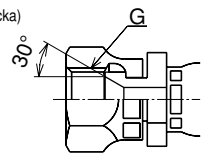
Parallel male-thread coupling (with 30° female seat)

SC (Swage)



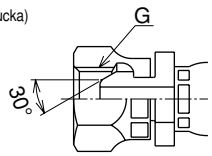
Parallel female-thread union coupling (with 30° female seat)

SE (Swage)
E (Reusable)
CE (Campucka)



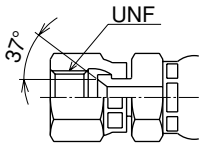
Parallel female-thread union coupling (with 30° male seat)

SF (Swage)
F (Reusable)
CF (Campucka)



Unified female-thread union coupling (with 37° female seat)

SK (Swage)



Unified female-thread ORFS union coupling

SGS (Swage)

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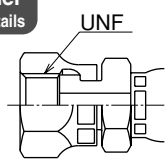
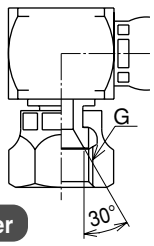


Parallel female-thread union 90° elbow coupling (with 30° female seat)

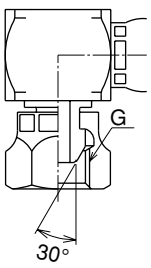
SLE (Swage)



Made-to-order

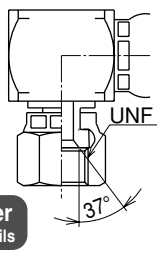
Parallel female-thread union 90° elbow coupling (with 30° male seat)

SL (Swage)



Unified external-thread union 90° elbow coupling (with 37° female seat)

SLK (Swage)



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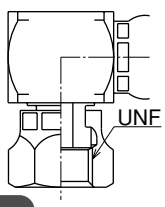
Unified female-thread ORFS union 90° elbow coupling

SLG (Swage)



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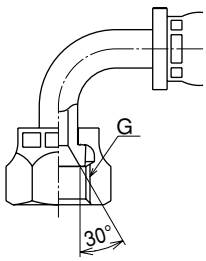
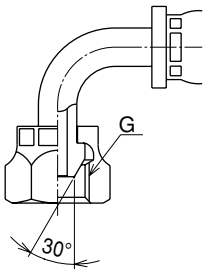
Parallel female-thread union bend coupling (with 30° female seat)

AE* (Swage)
SE (Swage)



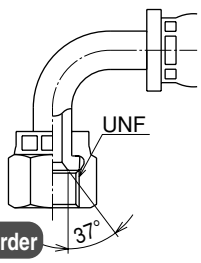
Parallel female-thread union bend coupling (with 30° male seat)

AF* (Swage)
SF (Swage)



Unified female-thread union bend coupling (with 37° female seat)

AK* (Swage)



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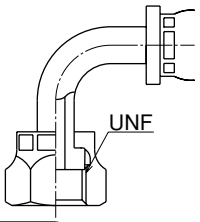
Unified female-thread ORFS union bend coupling

AG* (Swage)

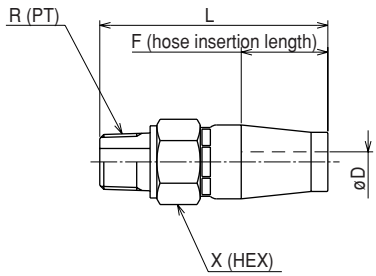


Made-to-order
Contact us for details

☞ The mark * at the part number of the union bend indicates the angle and select 45° or 90°.

[Campucka] Hydraulic push-one coupling (For 1000, 1400)

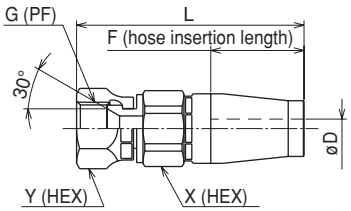
CA



Part No.	R	Min. I.D. øD	F	L	X	Weight (g)
CA-R-04-14L	1/4	3.5	26.0	60	19	70
CA-R-06-14L	3/8	6.0	29.0	68	22	100
CA-R-08-14L	1/2	9.0	35.0	77	27	170

⚠Caution: Handle with care not to drop couplings as an inner nipple could be self locked by pushing-out action to inlet of coupling.
- Material: steel
- Surface finishing: zinc electro-galvanized with color chromating (Ep-Fe/Zn 5/CM2)
- Working temperature range: –20 to +100°C
- Adaptor: 030, 130

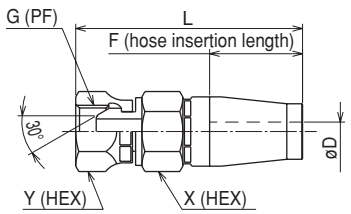
CE



Part No.	G	Min. I.D. øD	F	L	X	Y	Weight (g)
CE-G-04-14L	1/4	3.5	26.0	64	19	19	85
CE-G-06-14L	3/8	6.0	29.0	72	22	22	115
CE-G-08-14L	1/2	9.0	35.0	83	27	27	205

⚠Caution: Handle with care not to drop couplings as an inner nipple could be self locked by pushing-out action to inlet of coupling.
- Material: steel
- Surface finishing: zinc electro-galvanized with color chromating (Ep-Fe/Zn 5/CM2)
- Working temperature range: –20 to +100°C
- Adaptor: 010, 045, 090, 150, 020, 025, 064, 069, 030, D70, D74, D79

CF



Part No.	G	Min. I.D. øD	F	L	X	Y	Weight (g)
CF-G-04-14L	1/4	3.5	26.0	64	19	19	85
CF-G-06-14L	3/8	6.0	29.0	72	22	22	115
CF-G-08-14L	1/2	9.0	35.0	83	27	27	205

⚠Caution: Handle with care not to drop couplings as an inner nipple could be self locked by pushing-out action to inlet of coupling.
- Material: steel
- Surface finishing: zinc electro-galvanized with color chromating (Ep-Fe/Zn 5/CM2)
- Working temperature range: –20 to +100°C
- Adaptor: 110, 145, 190, 130, C70, C74, C79

Features of Campucka and assembly mechanism

Assembling method P.73

1. Push-one connection
- Reduction of operation time (half that of our conventional product)
- Specialized swaging tool is not necessary. (Easy handling)
- Best for on-site length adjustment.
- Convenient for emergency repair.

2. Detachable hose
- Hose is detachable for length adjustment when piping.
- Detachable tool is available.

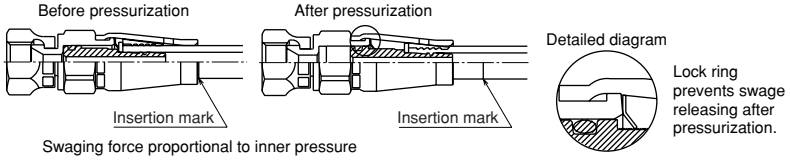
⚠Caution: Cannot be detached after pressurization.

3. Correcting hose's twisted direction
- It is possible to correct the twisted direction of a hose.

⚠ Caution: Cannot be detached after pressurization.

4. Nipple stop mechanism
- Ratchet mechanism of our original lock ring is employed.
- Steady performance even for movable piping.
- Pressure variation is accommodated.

Campucka assembly mechanism



⚠ Caution: Handle with care not to drop couplings as an inner nipple could be self locked by pushing-out action to inlet of coupling.