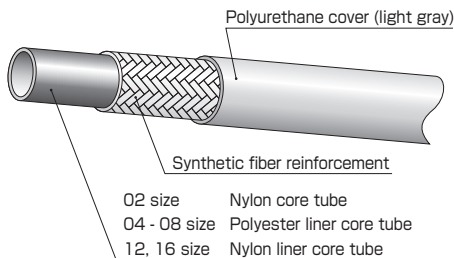


F3130 (light gray) Series

F3130

Features

- Flexible and tough
- Campucka coupling (for F3130 series only) can be used



Part No.	Size			Max. working pressure		Min. burst pressure		Min. bending radius (mm)	Weight (g/m)	Coupling	
	Size No.	I.D. (in.)	I.D. (mm)	O.D. (mm)	(MPa)	(PSI)	(MPa)				(PSI)
F3130-02-LGY	02	1/8	3.6	8.3	20.0	2,900	72.0	10,500	15	45	Campucka Swage
F3130-04-LGY	04	1/4	6.3	12.5	19.5	2,850	77.0	11,200	40	105	
F3130-06-LGY	06	3/8	9.5	16.4	16.0	2,300	63.0	9,100	50	150	
F3130-08-LGY	08	1/2	12.7	20.3	14.0	2,000	56.0	8,000	75	210	Swage
F3130-12-LGY	12	3/4	19.0	26.6	9.0	1,300	35.0	5,100	130	290	
F3130-16-LGY	16	1	25.4	33.4	7.0	1,000	28.0	4,000	165	400	

CAUTION: If you use Campucka, the maximum working pressure for Campucka must be applied.

■ Appropriate fluid : mineral general operating oil

■ Working temperature range : -40 to +100°C

🔗 If you use Campucka, the working temperature range for Campucka must be applied.

■ Length in a unit package : 100m for sizes 02, 04, 06, 08, and 50m for sizes 12, 16

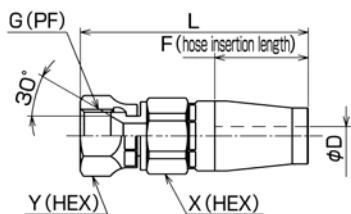
🔗 Suitable hose coupling is the same as that for the N3130 and 3130 series.

🔗 Color code (-LGY) is appended to part Nos. "LGY" stands for light gray.

[Campucka type] Hydraulic push-one coupling

(For F3130 (light gray))

CE (For F3130 series only)



Part No.	Size No.	G	Min. I.D. ϕ D	F	L	X	Y	Weight (g)
CE-G-02L	02	1/8	1.5	22.5	62	14	14	44
CE-G-04-F31-10L	04	1/4	3.5	28	74	19	19	105
CE-G-06-F31-10L	06	3/8	6.3	34	84	22	22	150
CE-G-08-F31-10L	08	1/2	9.4	37	92	27	27	225

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
- Maximum working pressure : 10.5MPa (CE-G-02L : 20.0MPa)
- Working temperature range : -20 to +100°C
- Adapter : 010, 045, 090, 150, 020, 025, 064, 069, 030

Assembling method
▶▶▶ p.57

Features of Campucka and assembly mechanism

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.

4 Nipple stop mechanism

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

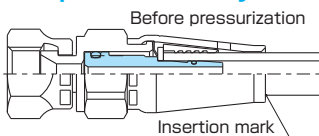
2 Detachable hose

- Hose is detachable for length adjustment when piping.
 - Detachable tool is available.
- CAUTION** : Cannot be detached after pressurization.

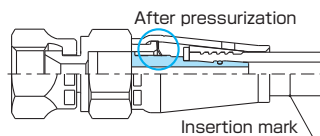
3 Correcting hose's twisted direction

- It is possible to correct the twisted direction of a hose.
- CAUTION** : Cannot be detached after pressurization.

Campucka assembly mechanism



Swaging force proportional to inner pressure.



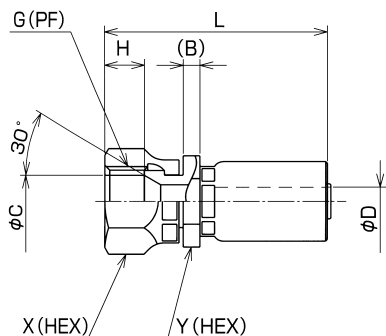
Detailed diagram



Lock ring prevents swage releasing after pressurization.

[Swage type]

SE



品番	Size No.	G	B	C	Min. I.D. ϕ D	H	L	X (HEX)	Y (HEX)	Weight (g)	Pusher	Die
SSE-PF-02	02	1/8	4.0	6.8	1.8	7.0	42	14	14	25	PSE-02-001	SP3-02-001
SE-PF-04	04	1/4	8.0	9.3	3.9	8.0	64	19	17	75	PSE-04	SP3-04
SE-PF-06	06	3/8	9.5	12.3	6.8	9.5	71	22	19	100	PSE-06	SP3-06
SE-PF-08	08	1/2	9.0	15.5	10.0	12.5	80	27	27	170	PSE-08	SP3-08
SE-PF-12	12	3/4	10.5	21.5	16.0	13.0	87	36	36	280	PSE-12	SP3-12
SE-PF-16	16	1	11.0	27.5	20.9	15.0	105	41	41	400	PSE-16	SP3-16

- Material : steel
- Adapter : 010, 045, 090, 150, 020, 025, 064, 069, 030