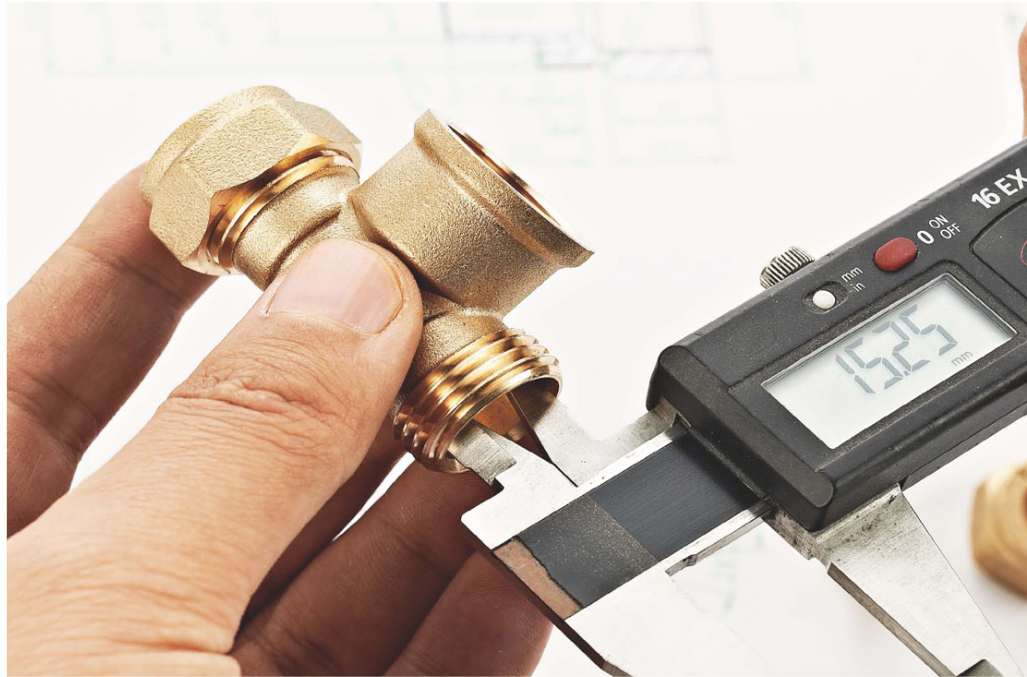
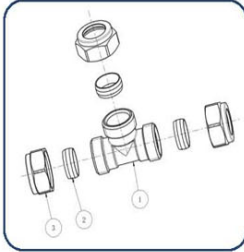


## COMPRESSION Fittings



**Specification Data**



**Introduction:**

**Name:** Compression Fitting for Copper Tube

**Nominal Pressure:**  $\leq 1.6\text{MPa}$

**Applicable Temperature:**  $-20^{\circ}\text{C} \sim 110^{\circ}\text{C}$

**Applicable Medium:** oil, water, gas and other non corrosive or corrosive medium

**Tubing:**  $\Phi 6 \sim \Phi 54$  Copper Tube

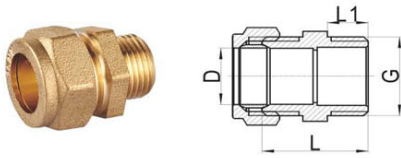
**Materials:**

- |                   |        |
|-------------------|--------|
| ① Coupler.....    | CW617N |
| ② Olive Ring..... | H62    |
| ③ Nut.....        | CW617N |

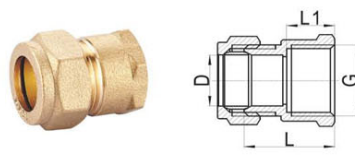
**Installation Method:**

1. Saw off appropriate length seamless copper tube and removal burr from the tube ends. Keep vertical of the tube end and axis, and the angle tolerance no more than  $0.5^{\circ}$ . If the tube needs to be bent, straight length is from the tube end to the bending part should be 3 times the length of the fitting threads at least.
2. Sheathe the seamless copper tube to the Olive ring and Nut. Pay attention to the direction of the Olive ring and Nut, don't act against it.
3. Apply lubricating oil to the threaded and card sets in the pre assembly, Insert copper tube into the joint body (tube must be inserted in the end), Tighten the nut by hand.
4. Tighten the nut until the olive ring is stuck on the tube, and the turning point can be felt (pressure point) by tightening torque.
5. After reaching the pressure point, then tighten the nut for  $1/2$  circle.
6. Removed the pre-fitted connector body, check the edge of the insert nut, visible projection belt must fill the space of the end of the olive ring. The nut can be slightly rotated, but not in the axial direction.
7. Final installation, the actual installation of the joint body of the thread coated with lubricating oil, the compression nut and screw to the can feel the tightening force increase so far. Then tighten the  $1/2$  circle installed.

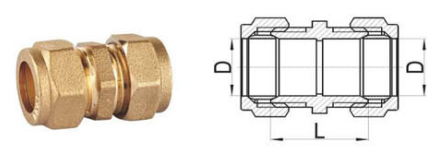




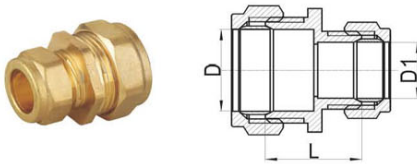
36001	Compression Male Straight CxM				
size	L	L1	D	G	Weight(g)
6mmx1/4"	19.5	8.5	6	1/4"	16.6
8mmx1/4"	19.5	8	8	1/4"	22.7
8mmx3/8"	19.5	8	8	3/8"	28.7
8mmx1/2"	24	12	8	1/2"	37.7
10mmx1/4"	19.5	8	10	1/4"	31
10mmx3/8"	19.5	7.5	10	3/8"	34
10mmx1/2"	23.5	12	10	1/2"	43
15mmx1/4"	21	8	15	1/4"	45.5
15mmx3/8"	22.5	9	15	3/8"	48.5
15mmx1/2"	25	12	15	1/2"	50.5
15mmx3/4"	25	12	15	3/4"	61.5
22mmx1/2"	27	12	22	1/2"	82.5
22mmx3/4"	27	12	22	3/4"	82.5
22mmx1"	29	14	22	1"	104.5
28mmx3/4"	29	12	28	3/4"	122
28mmx1"	31	14	28	1"	134
35mmx1 1/4"	35	16	35	1 1/4"	197.5
42mmx1 1/2"	38	16	42	1 1/2"	249.5
51mmx2"	41	18	54	2"	446.5



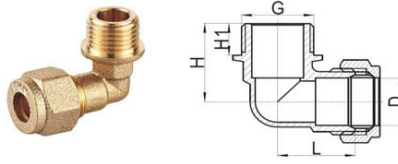
36002	Compression Female Straight CxF				
size	L	L1	D	G	Weight(g)
6mmx1/4"	19	9	6	1/4"	18.6
8mmx1/4"	20	9	8	1/4"	24.7
8mmx3/8"	20	9	8	3/8"	28.7
10mmx1/4"	20	9	10	1/4"	34
10mmx3/8"	20	9	10	3/8"	34
10mmx1/2"	23	12	10	1/2"	45
15mmx1/4"	20	8	15	1/4"	38.5
15mmx3/8"	21	9	15	3/8"	48.5
15mmx1/2"	24	12	15	1/2"	51.5
15mmx3/4"	24	12	15	3/4"	64.5
22mmx1/2"	25	11	22	1/2"	65.5
22mmx3/4"	26	12	22	3/4"	79.5
22mmx1"	28	14	28	1"	82.5
28mmx3/4"	28	12	28	3/4"	105
28mmx1"	30	14	28	1"	128
35mmx1 1/4"	32	16	35	1 1/4"	179.5
42mm x 1 1/2"	36	16	42	1 1/2"	257.5
54mm x 2"	39	18	54	2"	429.5



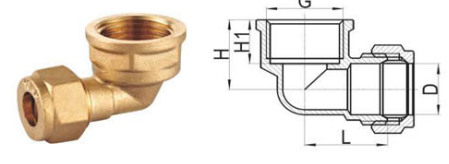
36003	Compression Equal Straight CxC		
size	L	D	Weight(g)
6mm	18	6	18.2
8mm	20	8	31.4
10mm	20	10	46
15mm	22.5	15	67
22mm	24.5	22	109
28mm	29	28	176
35mm	32	35	229
42mm	33	42	327
54mm	38	54	603



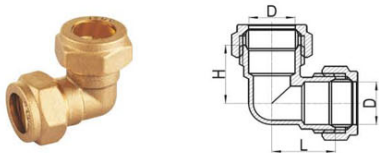
36004	Compression Reducing Straight CxC			
size	L	D	D1	Weight(g)
10mmx8mm	20	10	8	40.7
15mmx8mm	21	15	8	54.2
15mmx10mm	21	15	10	77
15mmx12mm	21.5	15	12	59
22mmx15mm	24	22	15	98
28mmx15mm	26	28	15	141.5
28mmx22mm	27	28	22	153.5



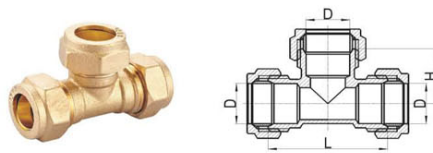
36005	Compression Male Elbow CxM					
size	L	D	G	H	H1	Weight(g)
8mmx1/4"	18	8	1/4"	21	9	26.7
10mmx1/4"	18	10	1/4"	21	8	35
10mmx3/8"	20	10	3/8"	21	8	41
10mmx1/2"	22	10	1/2"	25	12	50
15mmx1/4"	20	15	1/4"	23	8	48.5
15mmx3/8"	20.5	15	3/8"	23.5	8	56.5
15mmx1/2"	24	15	1/2"	27.5	12	65.5
15mmx3/4"	26.5	15	3/4"	27.5	12	75.5
22mmx3/4"	27.5	22	3/4"	32	12	105.5
22mmx1"	31	22	1"	35	14	139.5
22mmx1 1/2"	25	28	1 1/2"	31	12	86.5
28mmx1"	31	28	1"	38	14	177
35mmx1 1/4"	36.5	35	1 1/4"	44	16	270.5
42mmx1 1/2"	40	42	1 1/2"	49	16	344.5
54mmx2"	50.5	5	2"	56.5	18	646.5



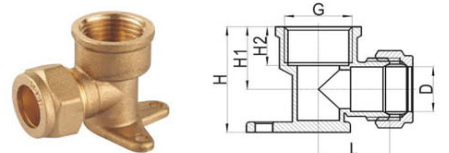
36006	Compression Female Elbow CxF					
size	L	D	G	H	H1	Weight(g)
10mmx1/2"	23	10	1/2"	21.2	12	49
8mmx1/4"	18.5	8	1/4"	14	8	27.7
10mmx1/4"	18.5	10	1/4"	18	8	34
10mmx3/8"	20.5	10	3/8"	15.5	8	39
15mmx3/8"	23	15	3/8"	17.5	8	52.5
15mmx1/2"	25	15	1/2"	22	12	65.5
15mmx3/4"	29	15	3/4"	21	12	81.5
22mmx1/2"	26	22	1/2"	23	12	90.5
22mmx3/4"	30	22	3/4"	25	12	103.5
22mmx1"	34	22	1"	29	14	141.5
28mmx1"	34	28	1"	30	14	182
35mmx1 1/4"	38	35	1 1/4"	36.5	16	262.5
42mm x 1 1/2"	45	42	1 1/2"	40	16	359.5
54mmx2"	51	54	2"	48	18	621.5



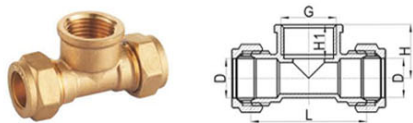
36007	Compression Equal Elbow CxC			
size	L	D	H	Weight(g)
8mm	16.5	8	16.5	32.4
10mm	18	10	18	48
15mm	21	15	21	73
22mm	26	22	26	124
28mm	32	28	32	209
35mm	36.5	35	36.5	273
42mm	40.5	42	40.5	391
54mm	50	54	50	761



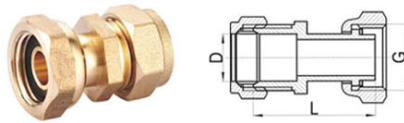
36008	Compression Equal Tee CxCxC			
size	L	D	H	Weight(g)
8mm	33	8	16.5	47.1
10mm	34	10	17	71
15mm	42	15	21	106.5
22mm	52	22	26	173.5
28mm	64	28	32	285
35mm	70	35	35	373.5
42mm	84	42	42	538.5
54mm	100	54	50	1039.5



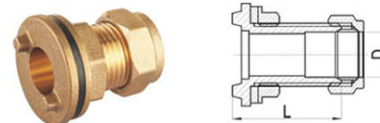
36009	Compression Wall Plate Elbow CxF						
size	L	D	G	H	H1	H2	Weight(g)
15mmx1/2"	23	15	1/2"	38	22	12	90.5
22mmx3/4"	27	22	3/4"	50	29	19	149.5



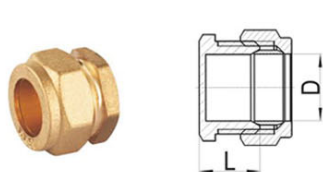
Compression Female Tee CxCxM						
size	L	D	G	H	H1	Weight(g)
15mmx15mmx1/2"	46	15	1/2"	22.5	12	96
22mmx22mmx1/2"	53	22	1/2"	25	12	143
22mmx22mmx3/4"	58	22	3/4"	25	12	156
28mmx28mmx1/2"	57	28	1/2"	27.5	12	220



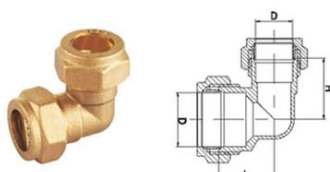
Compression Straight Tap CxF				
size	L	D	G	Weight(g)
15mmx1/2"	28	15	1/2"	72.7
15mmx3/4"	30	15	3/4"	86.8
22mmx3/4"	33	22	3/4"	110.8



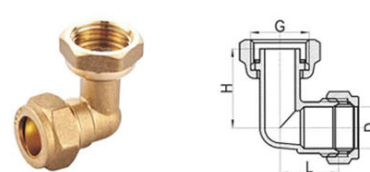
Compression Water Tank Connector with Seal			
size	L	D	Weight(g)
15mm	34	15	92
22mm	35	22	145
28mm	36	28	219.5
35mm	42	35	274.5
42mm	43	42	374.5
54mm	48	54	632



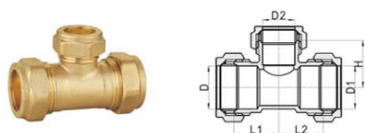
Compression Stop End Cap			
size	L	D	Weight(g)
8mm	12	8	18.7
10mm	12	10	27
15mm	13.5	15	41.5
22mm	14.5	22	69.5
28mm	17	28	110
35mm	19	35	149.5
42mm	20	42	225.5
54mm	23	54	418.5



Compression Reducing Elbow CxC					
size	L	D	D1	H	Weight(g)
22mmx15mm	25	22	15	22.5	97



Compression Bent Tap Connector CxF					
size	L	D	G	H	Weight(g)
15mmx1/2"	24.5	15	1/2"	21	74.7
22mmx3/4"	27	22	3/4"	27	117.8



Compression Reducing Tee CxCxC							
size	L1	L2	D	D1	D2	H	Weight(g)
15mmx15mmx22mm	23.5	23.5	15	15	22	26	133.5
22mmx15mmx15mm	27	22	22	15	15	25	134.5
22mmx15mmx22mm	26	24	22	15	22	26	154.5
22mmx22mmx15mm	26.5	26.5	22	22	15	25	155.5
22mmx28mmx15mm	25	31	22	28	15	28	176
28mmx22mmx22mm	29	27	28	22	22	30	226
28mmx28mmx15mm	30	30	28	28	15	32	237.5
28mmx28mmx22mm	31	31	28	28	22	30	246.5



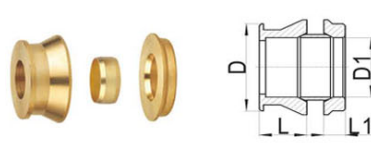
Compression Copper Olive Ring		Weight(g)
size		
8mm		1
10mm		1.5
15mm		2.3
22mm		3.5
28mm		5.5
35mm		7
42mm		8.5
54mm		12



Compression Brass Olive Ring		Weight(g)
size		
8mm		0.7
10mm		1
15mm		1.5
22mm		2.5
28mm		4
35mm		7
42mm		9.5
54mm		16.5



Compression Reducing Sets CxC			
size	L	D	D1
10mmx8mm	8.5	10	8
15mmx8mm	8.5	15	8
15mmx10mm	8.5	15	1
22mmx15mm	11	22	15
28mmx22mm	12	28	22
35mmx15mm	12	35	15
35mmx22mm	12	35	22
35mmx28mm	12	35	28
42mmx35mm	14.5	42	35



Compression Three Parts Reducing Set CxC				
size	L	L1	D	D1
15mmx8mm	10	3.5	15	8
15mmx10mm	10	3.5	15	10



Compression Blanking Disc			
size	L	D	Weight(g)
15mm	6	17	4
22mm	7	24	10



For North American Market

For information of North American Market Brass Fittings, LPG Fittings, S.S Fittings

Website: [www.chenyeeindustries.com](http://www.chenyeeindustries.com)

Email: [sales@chenyeeindustries.com](mailto:sales@chenyeeindustries.com)



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