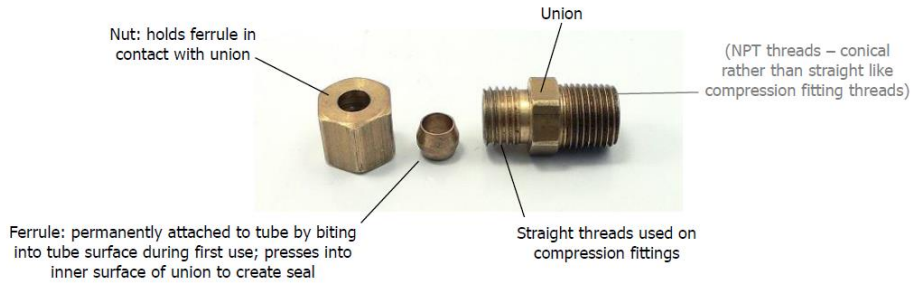
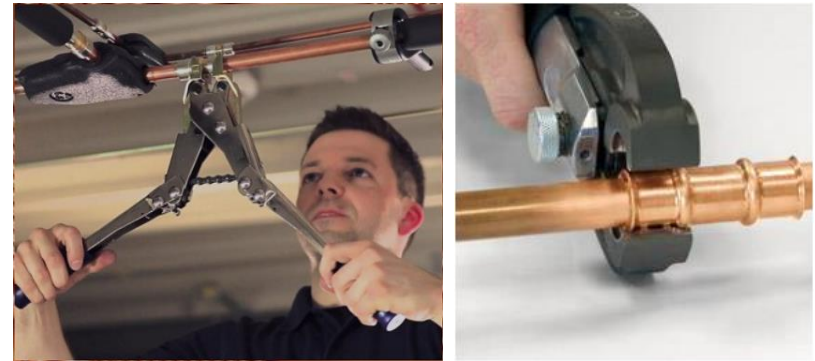


Refrigerant Connections

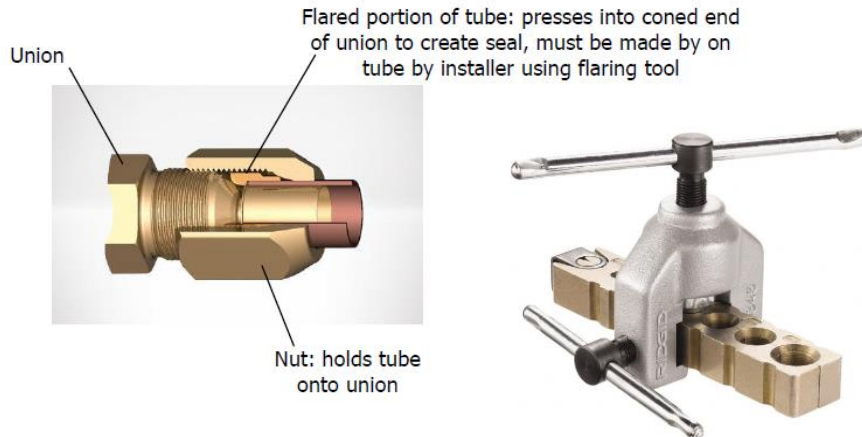
Compression Fittings



Press Fittings



Flare Fittings



Quick-Connect Fittings



Refrigerant Connection Leakage



Fitting Assembly Initial Leaks after Assembly



(binary decision: leak yes/no)

Fitting Type	Fitting Size	Experienced Normal	Experienced Difficult	Inexperienced Normal	Inexperienced Difficult
Brazed	1-1/8 in.	0/10	0/5	0/5	3/5
Press	3/8 in.	0/20	0/10	0/10	0/10
Press	1-1/8 in.	0/20	0/10	1/10	0/10
Compression	3/8 in.	4/20	3/10	4/10	0/10
Compression	3/4 in.	8/20	3/10	6/10	5/10
Flare	3/8 in.	3/20	3/10	3/10	4/10
Flare	3/4 in.	14/20	9/10	10/10	10/10

- Compression and flare fittings both very prone to leaks, especially for the larger-sized fittings.
 - » Larger flare fittings could not be sealed properly by inexperienced technicians.
 - » Initial leaks observed at fairly similar rates between experienced and inexperienced technicians.
- Observed trends are believed to be manufacturer-independent.