

COMPRESSION FITTINGS FOR METAL TUBING

Compression fittings are commonly used with metal tubing in constructing gas handling systems using tubing. They are particularly suited to high purity, high pressure, or high vacuum applications. They need no special tools, welding, or soldering and can be made and remade repeatedly.

Please note that the tubing size designation in the ordering information below refers to the outside diameter of the tubing. Also, only the most common fittings are listed here; many other connections are available on request.

HOW TO ORDER

BRASS P/N	STAINLESS STEEL P/N	DESCRIPTION
Male Connectors (For connecting female pipe threads to tubing)		
2MSC2N-B	2MSC2N-316	1/8" compression x 1/8" NPT male
2MSC4N-B	2MSC4N-316	1/8" compression x 1/4" NPT male
4MSC2N-B	4MSC2N-316	1/4" compression x 1/8" NPT male
4MSC4N-B	4MSC4N-316	1/4" compression x 1/4" NPT male
4MSC8N-B	4MSC8N-316	1/4" compression x 1/2" NPT male
8MSC4N-B	8MSC4N-316	1/2" compression x 1/4" NPT male
8MSC8N-B	8MSC8N-316	1/2" compression x 1/2" NPT male
Female Connectors (for connecting male pipe threads to tubing)		
2FSC2N-B	2FSC2N-316	1/8" compression x 1/8" NPT female
2FSC4N-B	2FSC4N-316	1/8" compression x 1/4" NPT female
4FSC2N-B	4FSC2N-316	1/4" compression x 1/8" NPT female
4FSC4N-B	4FSC4N-316	1/4" compression x 1/4" NPT female
4FSC8N-B	4FSC8N-316	1/4" compression x 1/2" NPT female
8FSC4N-B	8FSC4N-316	1/2" compression x 1/4" NPT female
8FSC8N-B	8FSC8N-316	1/2" compression x 1/2" NPT female
Male Elbow (for connecting female pipe threads to tubing at right angles)		
2MSEL2N-B	2MSEL2N-316	1/8" compression x 1/8" NPT male
2MSEL4N-B	2MSEL4N-316	1/8" compression x 1/4" NPT male
4MSEL2N-B	4MSEL2N-316	1/4" compression x 1/8" NPT male
4MSEL4N-B	4MSEL4N-316	1/4" compression x 1/4" NPT male
Female Elbow (for connecting male pipe threads to tubing at right angles)		
2FSEL2N-B	2FSEL2N-316	1/8" compression x 1/8" NPT female
2FSEL4N-B	2FSEL4N-316	1/8" compression x 1/4" NPT female
4FSEL2N-B	4FSEL2N-316	1/4" compression x 1/8" NPT female
4FSEL4N-B	4FSEL4N-316	1/4" compression x 1/4" NPT female
Union (for joining tubing)		
2SC2-B	2SC2-316	1/8" compression x 1/8" compression
4SC4-B	4SC4-316	1/4" compression x 1/4" compression
Reducing Union (for joining tubing of different sizes)		
4RU2-B	4RU2-316	1/4" compression x 1/8" compression
8RU4-B	8RU4-316	1/2" compression x 1/4" compression
Bulkhead Union (for connecting tubing through a panel or bulkhead)		
2BC2-B	2BC2-316	1/8" compression x 1/8" compression
4BC4-B	4BC4-316	1/4" compression x 1/4" compression
8BC8-B	8BC8-316	1/2" compression x 1/2" compression
Union Elbow (for joining tubing at right angles)		
2EE2-B	2EE2-316	1/8" compression x 1/8" compression
4EE4-B	4EE4-316	1/4" compression x 1/4" compression
8EE8-B	8EE8-316	1/2" compression x 1/2" compression
Union Tee (for joining tubing in "T" configurations)		
2ET2-B	2ET2-316	1/8" compression all ends
4ET4-B	4ET4-316	1/4" compression all ends
8ET8-B	8ET8-316	1/2" compression all ends

