

COMPRESSION UNIONS FOR STEEL / COPPER / NYLON / ALUMINUM TUBING

360° SEAL COMPRESSION UNIONS

FMSI'S 360° seal compression unions permit the use of one part number of each size to effectively and easily join steel, copper, aluminum, and nylon tubing, or combinations of these materials, including 10mm. These leak free compression unions come in both straight, 90° elbows, and reducing styles. Follow these directions for leak free connections of all fluid carrying lines.

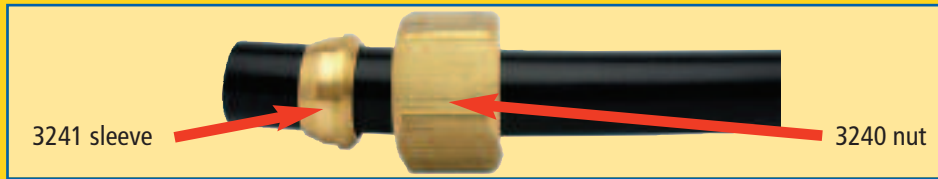
The tubing must be inserted completely through the tube nut and captured sleeve as illustrated to avoid leaks. If the line is not inserted completely through the nut and sleeve, it will not hold pressure and it will leak.



These illustrations show a 10mm nylon fuel line being joined to a 3/8" steel line.

With 10mm applications you will need to use a separate nut (3240) and sleeve (3241) as shown below. Note the direction of the sleeve with the taper towards the body of the compression union. These nuts and sleeves have been designed to seal all 10mm fuel lines.

NEW!



360° SEAL IN-LINE CAPTIVE SLEEVE COMPRESSION UNIONS JOINS STEEL / NYLON / COPPER / ALUMINUM TUBING

STRAIGHT

FMSI#	SIZE
2855	3/16"
2856	1/4"



FMSI#	SIZE
2857	5/16"
2858	3/8"
2859	10mm

90° ELBOW COMPRESSION UNIONS

FMSI#	SIZE
2845	1/4"
2846	5/16"
2847	3/8"



FMSI#	SIZE
2848	3/8" to 10mm
2849	10mm

REDUCING

FMSI#	SIZE
2840	5/16" (8mm) to 1/4"
2841	3/8" to 5/16"



FMSI#	SIZE
2842	10mm to 3/8"
2843	10mm to 5/16"

INLINE CAPTIVE SLEEVE NUT

FMSI#	SIZE
3213	3/16"
3214	1/4"



FMSI#	SIZE
3215	5/16"
3216	3/8"

INLINE SLEEVE 10 mm SLEEVE NUT

FMSI#	SIZE
3241	10 mm



FMSI#	SIZE
3240	10 mm



HIGH PRESSURE STEEL (5,000 PSI) COMPRESSION UNIONS

COMPRESSION UNIONS

FMSI#	SIZE
3451	3/16"
3452	1/4"
3453	5/16"
3454	3/8"



FERRULES

FMSI#	SIZE
3455	3/16"
3456	1/4"
3457	5/16"
3458	3/8"



360° compression union torque procedures. First finger tighten compression nut. Using wrenches on the body and nut, tighten the correct number of turns (see table below)

TYPE OF TUBING	NUMBER OF TURNS WITH WRENCH AFTER FINGER TIGHTENING
Steel - copper- Aluminum	1-1/2 turns
Nylon	3/4 of a turn