

# STAINLESS STEEL 316 COMPRESSION TUBE FITTING

CONNECT WITH CONFIDENCE CONNECT WITH UNI-LOK KOREA.

ALL MODELS ARE AVAILABLE IN BOTH INCH AND METRIC SIZES

Std is NPT thread (also available in BSP Threads, Please call for specific needs).

## REMAKE INSTRUCTIONS

Insert the existing used tube, nut and ferrules into the fitting body, rotate the nut to the finger tiger position Rotate the nut to the original make up position or until a sharp increase in torque is felt. Then snug the nut approximately one-eighth of a turn.

The maximum working pressure of the tubes coupled to the stainless steel, double ferrule type joints are listed stainless steel tubing, and maximum working pressure depened upon temperature variation. And also according to per attached table, Tighten the nut 1.1/4 turns using a wrench.

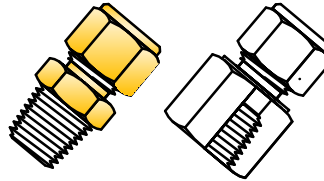
## ASSEMBLY INSTRUCTIONS

Insert the tubing into the UNI-LOK fitting, making sure the tubing rests firmly against the tube stop in the fitting body, then make sure the nut is finger tight.

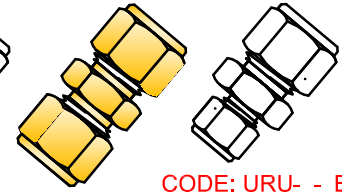
Mark the nut with a reference mark before you begin to make up the fitting.

Using your reference mark from step 2, rotate the nut 1.1/4 turns from your marked starting point.

CODE: UMC-\_\_BS  
MALE CON'T BRASS



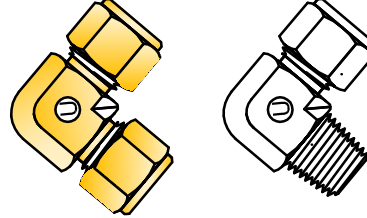
CODE: UU-BS  
BRASS UNION



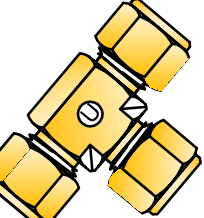
CODE: UFC-\_\_BS  
FEMALE CON'T BRASS

CODE: URU-\_\_BS  
BRASS UNION

CODE: UME-\_\_BS  
MALE ELBOW BRASS



CODE: UEU-\_\_BS  
UNION ELBOW BRASS



CODE: UUT-BS  
UNION TEE BRASS

AMERICAN NATIONAL STANDARD TAPER PIPE THREAD (NPT)

Nominal Size Inch	2 (1/8")	4 (1/4")	6 (3/8")	8 (1/2")	12 (3/4")	16 (1")	20 (1.25")	24 (1.5")	32 (2")
Thread Per in	27	18	18	14	14	11.5	11.5	11.5	11.5
Effective Thread-L	0.2639	0.4018	0.4078	0.5337	0.5457	0.6828	0.7068	0.7235	0.7565
Pitch of Thread -P	0.0370	0.0555	0.0555	0.0714	0.0714	0.0869	0.0869	0.0869	0.0869

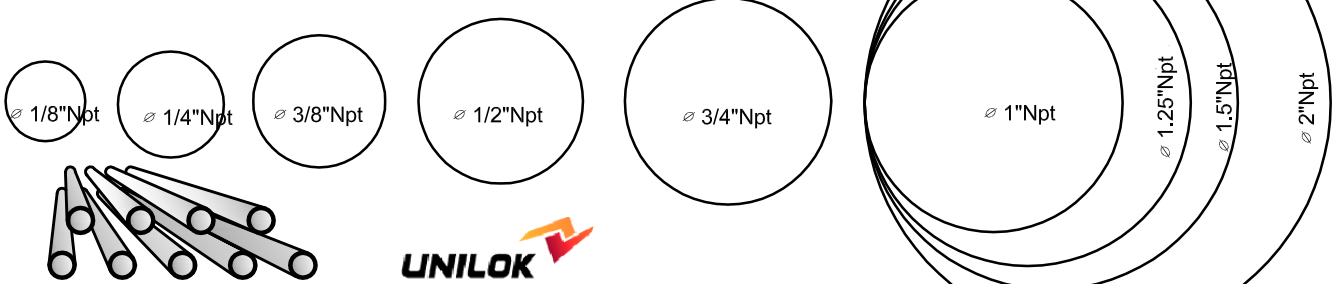
UNI-LOK straight thread Metric

Code Tube OD	ØM3	ØM4	ØM6	ØM8(5/16)	ØM10	ØM12	M15/M16	ØM18	M20/M22	ØM25
pitch	5/16"-20	3/8"-20	7/16"-20	1/2"-20	5/8"-20	3/4"-20	7/8"-20	1"-20	1.1/8"-20	1.5/16"-20

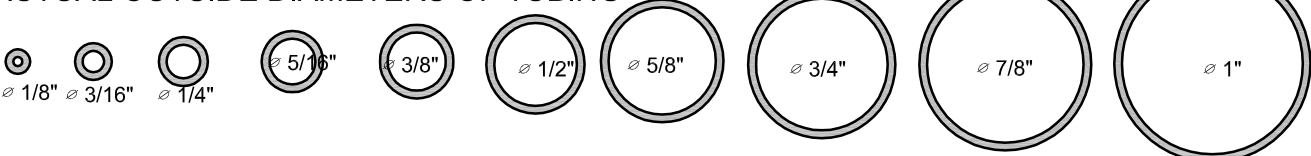
UNI-LOK straight thread Inch

Code Tube OD	Ø2 (1/8")	Ø3 (3/16")	Ø4 (1/4")	Ø6 (3/8")	Ø8 (1/2")	Ø10 (5/8")	Ø12 (3/4")	Ø16 (1")
pitch	5/16"-20	3/8"-20	7/16"-20	9/16"-20	3/4"-20	7/8"-20	1"-20	1.5/16"-20

## ACTUAL OUTSIDE DIAMETERS OF TAPER PIPE THREADS AT SMALL END



## ACTUAL OUTSIDE DIAMETERS OF TUBING



Also available in Brass materials just Add BS (brass) to the end of each item code.

Continued next page 2,2A,3,3A,4,4A,5 & 5A