

## 2.0 DESCRIPTION OF SYSTEM AND COMPONENTS

### 2.1 CORRUGATED STAINLESS STEEL TUBING

#### USE:

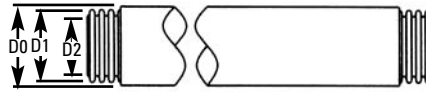
Corrugated  
Stainless Steel  
Tubing Conveys Gas

#### MATERIALS:

Tubing Stainless Steel  
Covering Polyethylene



#### SHAPE & DIMENSIONS



Custom Lengths Available Upon Request.

TUBING Size	10A 3/8"	15A 1/2"	20A 3/4"	25A 1"	32A 1-1/4"	38A 1-1/2"	50A 2"
EHD	15	19	25	30	37	48	62
Inner Dia. (D2) inches	.452	.591	.787	.984	1.26	1.59	2.12
Outside Dia. (D1) inches	.559	.724	.980	1.213	1.528	2.02	2.55
Tubing Thickness	REF	REF	REF	REF	REF	REF	REF
O.D. w/ Covering (D0) inches	.606	.772	1.028	1.260	1.575	2.06	2.59
Length of Tubing (Ft.)	50,100 250,500 1,000	50,100 250,500 1,000	50,100 180,250 500	50,100 180,250 250	50,100 250	50,100 150	50,100 150

#### 2.1.1 MECHANICAL JOINTS

#### USE:

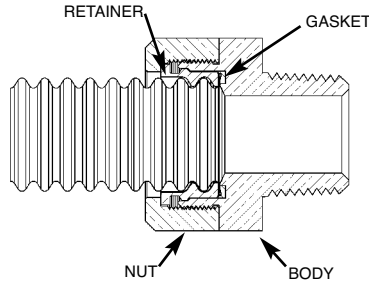
Mechanical Joint Fittings  
Connect the Corrugated  
Stainless Steel Tubing to  
a Manifold or Gas Outlet

#### MATERIALS:

Body: Brass  
Nut: Brass  
Retainer: Brass  
Gasket: Composite Fiber



#### SHAPE & DIMENSIONS



FITTING Size	10M 3/8"	15M 1/2"	20M 3/4"	25M 1"	32M 1-1/4"	38M 1-1/2"	50M 2"
TAPER THREAD (NPT)	1/2" or 3/8"	1/2" or 3/8"	1/2" or 3/4" or 1"	3/4" or 1"	1-1/4"	1-1/2"	2"

#### 2.1.2 FEMALE MECHANICAL JOINTS

#### USE:

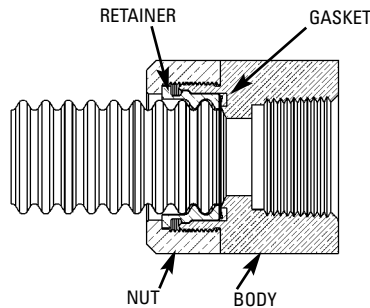
Female Mechanical Joint  
Join Corrugated Stainless  
Steel Tubing to Pipe  
Thread of the Same Size

#### MATERIALS:

Body: Brass  
Nut: Brass  
Retainer: Brass  
Gasket: Composite Fiber



#### SHAPE & DIMENSIONS



FITTING Size	10M 3/8"	15M 1/2"	20M 3/4"	25M 1"
TAPER THREAD (NPT)	1/2"	1/2" or 3/8"	1/2" or 3/4"	3/4" or 1"

#### 2.1.3 COUPLINGS

#### USE:

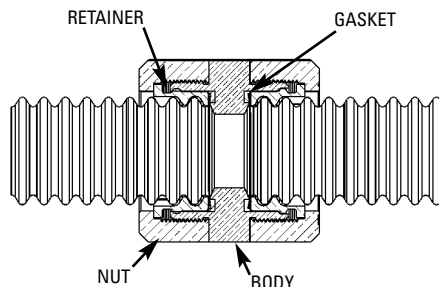
Mechanical Couplings  
Join Two Corrugated  
Stainless Steel Tubings  
of the Same Size

#### MATERIALS:

Body: Brass  
Nut: Brass  
Retainer: Brass  
Gasket: Composite Fiber



#### SHAPE & DIMENSIONS



FITTING Size	10M 3/8"	15M 1/2"	20M 3/4"	25M 1"	32M 1-1/4"	38M 1-1/2"	50M 2"
TAPER THREAD (NPT)	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"