

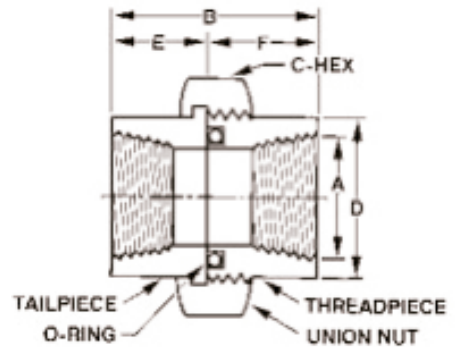
## HART O-Ring Unions - Female Threaded Unions

**3000 lb. Female Threaded FNPT Fig. 3131**

**6000 lb. Female Threaded FNPT Fig. 6161**



- The most popular union in the industry for general purpose joining of piping systems
- Flat faced design
- Size range: 1/8" to 3"
- Full flow-waterway bore
- Zero leakage
- Makes and breaks repeatedly
- All HART Industrial Unions are precision machined
- Viton O-Ring standard, Buna N, Teflon, EPDM, Neoprene also available (call for compatibility)



### Standard Assemblies

A105 Carbon Steel, 304 Stainless Steel, 316 Stainless Steel, Alloys -  
See materials list under how to order

#### Dimensions

3000 psi W.O.G., Cold, Non Shock

FIGURE NO	A FNPT	B	C HEX	D	E TAIL-PIECE	F THREAD-PIECE	WGT (LBS)
3131-0	1/8" - 27	1.660	1-3/8	3/4	0.785	0.875	1/2
3131-1	1/4" - 18	1.660	1-3/8	3/4	0.785	0.875	1/2
3131-2	3/8" - 18	1.800	1-1/2	7/8	0.863	0.937	1/2
3131-3	1/2" - 14	2.035	1-7/8	1-1/8	0.935	1.100	1
3131-4	3/4" - 14	2.148	2-1/8	1-3/8	1.023	1.125	1-1/4
3131-5	1" - 11 1/2	2.570	2-1/2	1-3/4	1.258	1.312	2
3131-6	1 1/4" - 11 1/2	2.822	3	2-1/8	1.385	1.437	3
3131-7	1 1/2" - 11 1/2	3.072	3-3/8	2-3/8	1.510	1.562	4
3131-8	2" - 11 1/2	3.259	3-7/8	2-7/8	1.572	1.687	5
3131-9	2 1/2" - 8	3.635	4-7/8	3-1/2	1.760	1.875	8-1/2
3131-10	3" - 8	4.135	5-1/2	4	2.010	2.125	9

#### Dimensions

6000 psi W.O.G., Cold, Non Shock

FIGURE NO	A FNPT	B	C HEX	D	E TAIL-PIECE	F THREAD-PIECE	WGT (LBS)
6161-0	1/8" - 27	1.660	1-3/8	3/4	0.785	0.875	1/2
6161-1	1/4" - 18	1.800	1-1/2	7/8	0.863	0.937	1/2
6161-2	3/8" - 18	2.035	1-7/8	1-1/8	0.935	1.100	1
6161-3	1/2" - 14	2.148	2-1/8	1-3/8	1.023	1.125	1-1/4
6161-4	3/4" - 14	2.570	2-1/2	1-3/4	1.258	1.312	2
6161-5	1" - 11 1/2	2.822	3	2-1/8	1.385	1.437	3
6161-6	1 1/4" - 11 1/2	3.072	3-3/8	2-3/8	1.510	1.562	4
6161-7	1 1/2" - 11 1/2	3.259	3-7/8	2-7/8	1.572	1.687	5
6161-8	2" - 11 1/2	3.635	4-7/8	3-1/2	1.760	1.875	8-1/2
6161-9	2 1/2" - 8	4.135	5-1/2	4	2.010	2.125	9
6161-10	3" - 8	4.875	6-7/8	5	2.375	2.500	15