

Recommended Working Pressures



Holedall couplings, regardless of coupling style, are never to be used for steam service at any pressure. Holedall fittings listed below are not to be used with cable reinforced high-pressure hose, 4- or 6-braid wire hydraulic hose or any other service not listed in recommendations. In addition, internally expanded Holedall couplings are not to be used with plastic-lined chemical hose. Consult Dixon® for recommendations on usage.

Holedall couplings (externally swaged), to perform satisfactorily, must be applied properly in accordance with Dixon assembly procedures, using the correct die and ferrule for that particular hose end O.D.. The Dixon die and ferrule recommendation guide is to be used to select correct dies and ferrules. If you do not have the updated die and ferrule recommendation guide, consult Dixon. Strict adherence to ferrule O.D. range (internally expanded) for each hose end to be assembled is essential for satisfactory performance.

Note: Hose service working pressure (including surges and spikes) is never to exceed the maximum recommended working pressure for the fitting (reference chart below)². Media being transported through the hose should be compatible with the stem material. Compatibility of ferrule material with the environment in which it will be used is recommended. Consult the Compatibility Chart on dixonvalve.com or contact Dixon for material compatibility. For applications other than the ones listed, please consult Dixon.

Size	Externally Swaged				Internally Expanded			
	Standard Fittings ¹	Long Style Fittings ¹	Light Duty Fittings		Cam and Groove ¹	Holedall DIN Crimp Stems ¹	Internally Expanded ¹	Crimp Sanitary Fittings ¹
			NO Notched Fittings ¹	NOS Notched Short Fittings ¹				
3/4"	---	---	---	---	---	---	---	---
1"	---	---	---	---	250	---	---	---
1-1/4"	600	1,000	350	---	---	---	800	---
1-3/8"	---	---	---	---	---	---	---	---
1-1/2"	600	1,000	350	250	250	145	800	250
2"	600	1,000	350	250	250	145	800	250
2-1/2"	600	1,000	250	---	150	---	600	250
3"	600	1,000	250	250	125	145	600 ³	250
4"	500	850	250	⁴	100	---	500 ³	200
5"	450	750	---	---	---	---	---	---
6"	400	700	---	---	---	---	400	---
8"	350	600	---	---	---	---	---	---
10"	300	550	---	---	---	---	---	---

¹ Maximum recommended working pressures, in **PSI**, given at **70°F** ambient temperature

² The assembly's (hose + coupling) maximum working pressure is the lesser of:

- 1) The hose rated working pressure, or
- 2) The coupling rated working pressure

³ For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon for working pressures. See notes below for specific recommendations

⁴ Contact Dixon for pressure recommendations

Standard Fittings

Recommended for use on most 1- and 2-wire braid reinforced hoses, fiber reinforced (braided or spiraled) with or without helical wire such as: oil suction and discharge hose, barge and dock loading and unloading hose, as well as LP gas hose, anhydrous ammonia hose, acid chemical hose, and high pressure air and water hose.

Long Style Fittings

Recommended for use on hose as listed under standard fittings where additional retention is required due to higher working pressures or end pull. Consult maximum working pressure chart or call Dixon.

Light-Duty Fittings

Recommended for use in the same applications as standard fittings above where lower working pressures are encountered. Consult maximum working pressure chart or consult Dixon.

Internally Expanded Fittings

Recommended for concrete placement, grout and plaster, food, dairy, pharmaceutical as well as other applications where increased flow capacity is important. Consult maximum working pressure chart or call Dixon for additional application and working pressure information.