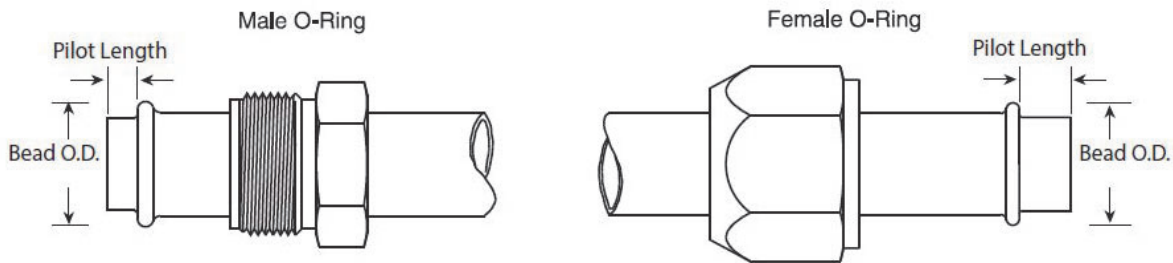




# O-Ring Pilot Threads

## Identify O-Ring Pilot Thread Sizes

This connection is common to air conditioning systems, both in vehicle and commercial applications. Both the male and female halves of the connections have a pilot, either long or short. The seal takes place by compressing an o-ring adjacent to the bead of the tube. The threads hold the connection together mechanically.



Male Thread O.D. (in)				Female Thread I.D. (in)			
Inch Size	Dash Size	Nominal Thread	Frac.	Decimal	Nominal Thread	Frac.	Decimal
3/8	06	5/8-18	5/8	.62	5/8-18	9/16	.57
1/2	08	3/4-18	3/4	.75	3/4-16	11/16	.69
5/8	10	7/8-18	7/8	.87	7/8-14	13/16	.81
3/4	12	1 1/16-16	1 1/16	1.06	1 1/16-14	1	.99

Long Pilot			Short Pilot		
Inch Size	Nominal Tube Size	Bead O.D. (in)	Pilot Length	Bead O.D. (in)	Pilot Length
3/8	06	.52	.28	.52	.19
1/2	08	.64	.39	.64	.19
5/8	10	.77	.39	.77	.19
3/4	12	.91	.39	.91	.19