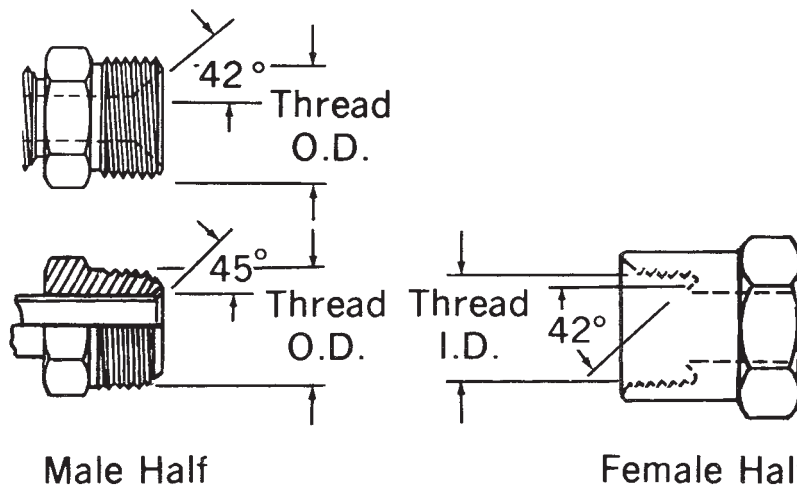




SAE - Inverted Flare

This connection is frequently used in automotive systems. The male connector can either be a 45° flare in the tube fitting form or a 42° seat in the machined adapter form. The female has a straight thread with a 42° inverted flare. The seal takes place on the flared surfaces. The threads hold the connection mechanically.



Inch Size	Dash Size	Nominal Thread Size	Male Thread O.D. (in)	Female Thread I.D. (in)
1/8	02	5/16-28	5/16 (.32)	9/32 (.28)
3/16	03	3/8-24	3/8 (.38)	11/32 (.34)
1/4	04	7/16-24	7/16 (.44)	13/32 (.40)
5/16	05	1/2-20	1/2 (.50)	15/32 (.45)
3/8	06	5/8-18	5/8 (.63)	9/16 (.57)
7/16	07	1 1/16-18	1 1/16 (.69)	5/8 (.63)
1/2	08	3/4-18	3/4 (.75)	23/32 (.70)
5/8	10	7/8-18	7/8 (.88)	13/16 (.82)
3/4	12	1 1/16-16	1 1/16 (1.06)	1 (1.00)