

QCI Style Bayonets

Bayonet connections provide a slip together joint used for easy field assembly of vacuum jacketed pipe sections. The male and female design provides a long heat path from the outer jacket to the inner pipe. The seal at the end of the male bayonet, and the o-ring seal at the flange make this a pressure tight connection.

Acme Cryogenics' offers a unique bayonet connection that provides a superior mechanical joint for vacuum jacketed piping sections.

Low Heat Leak

Acme's proprietary design features a long heat path from the outer jacket to the inner pipe. This, in combination with the cold shrink seal at the end of the male bayonet and the o-ring seal at the flange, give a trouble free, low heat leak connection for all cryogenic liquids.

V-Band

Our low profile designed bayonets incorporate a recessed V-band clamp that remains flush with the outer vacuum jacket. This allows for a cleaner wall penetration at assembly, and easier section removal at a later date.



Bayonet Size	Dim A	Dim B	Dim C	Dim D	Heat Leak
in	in	in	in (mm)	in (mm)	BTU/hr (watt)
½" x 2"	½" IPS sch 5	2" IPS sch 5	2.25" (57)	12" (304)	6.6 (1.9)
1" x 3"	1" IPS sch 5	3" IPS sch 5	2.25" (57)	12" (304)	9.1 (2.7)
1.5" x 2.5"	1½" IPS sch 10	3.5" IPS sch 5	2.25" (57)	18" (457)	13.3 (3.9)
2" x 4"	2" IPS sch 10	4" IPS sch 5	2.25" (57)	18" (457)	20.9 (6.1)

