

ORDERING INFORMATION

Specify complete model number according to the tables below.

737A – A xxx – N 0

Key Model Number _____
 Table 1 – Gland and Rod _____
 Table 2 – Probe Active Length _____
 Table 3 – Flange and Mounting Option _____
 Table 4 – Additional Options _____

KEY MODEL NUMBER	
Model No.	Description
737A	High pressure/temperature, non-insulated probe

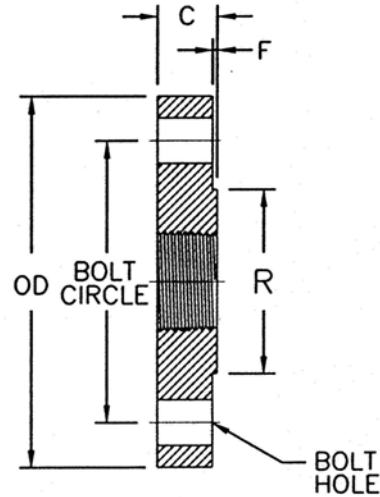
TABLE 1 – GLAND AND PROBE ROD	
Designation	Description
A	Rigid Rod, 316 Stainless Steel, 1/4" OD
B	Flexible Cable without termination, 300 Series Stainless Steel, 1/8" OD
D	Flexible Cable with termination, 300 Series Stainless Steel, 1/8" OD

TABLE 2 – PROBE ACTIVE LENGTH	
Designation	Description
xxx	For rigid rod probe specify the active length in inches. Maximum active length is 96 inches. Minimum active length is 3 inches.
	For flexible cable probe specify the active length in feet. Maximum active length is 100 feet. Minimum active length is 1 foot.

TABLE 3 – FLANGE OPTION	
Designation	Description
N	None
A	Flange Screwed onto probe gland. Specify class, size and material.
B	Flange welded to probe gland. Specify class, size and material.

TABLE 4 – ADDITIONAL OPTIONS	
Designation	Description
0	None

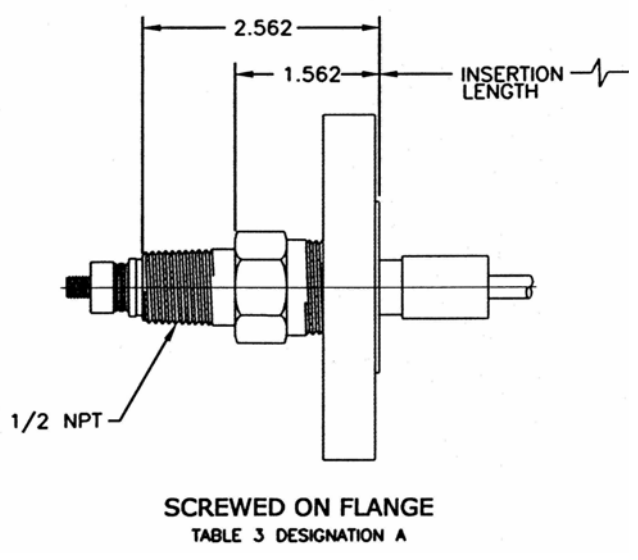
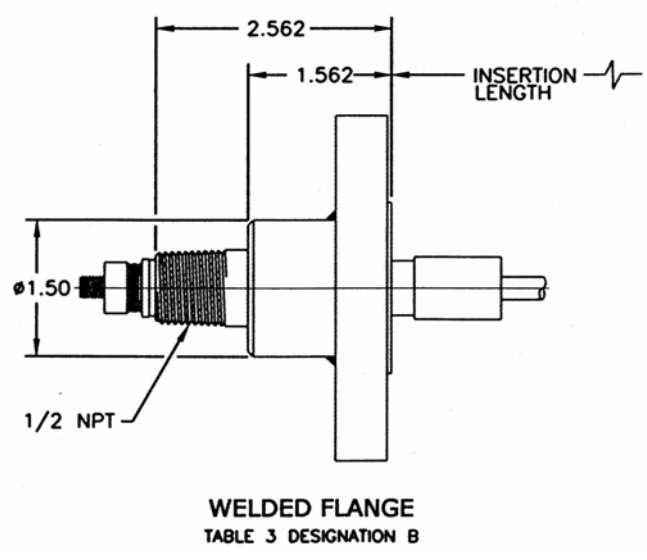
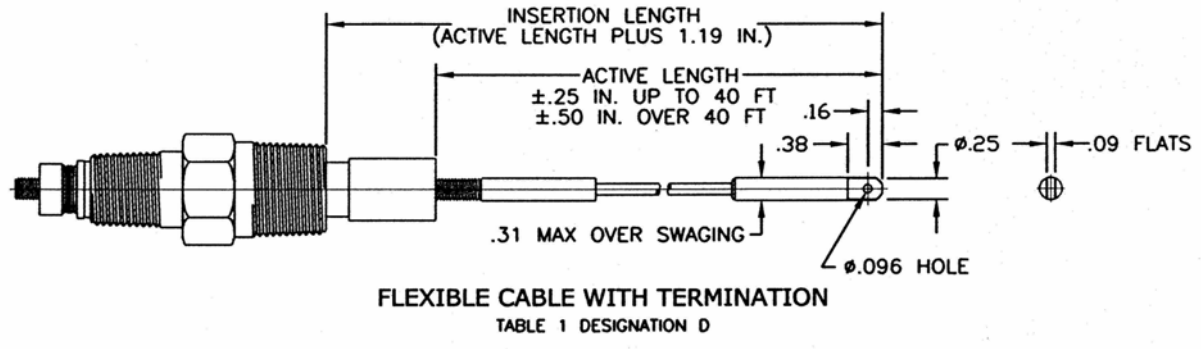
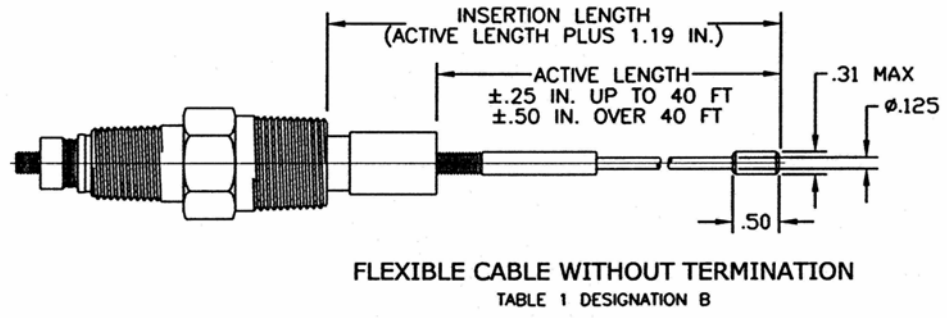
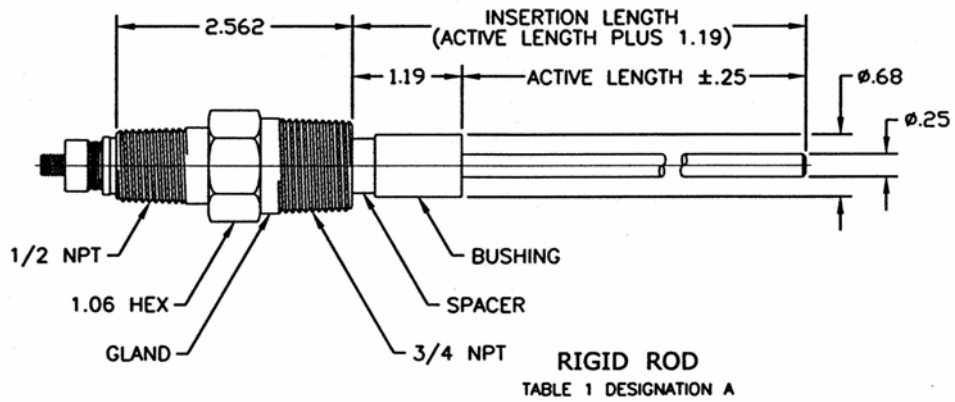
Standard Flanges							
CLASS	SIZE	OD	C	F	R	BOLT CIRCLE	BOLT HOLES
150	1"	4.25	.56	.06	2.00	3.12	4X Ø.62
150	1-1/2"	5.00	.69	.06	2.88	3.88	4X Ø.62
150	2"	6.00	.75	.06	3.62	4.75	4X Ø.75
150	3"	7.50	.94	.06	5.00	6.00	4X Ø.75
150	4"	9.00	.94	.06	6.19	7.50	8X Ø.75
300	1"	4.88	.69	.06	2.00	3.50	4X Ø.75
300	1-1/2"	6.12	.81	.06	2.88	4.50	4X Ø.88
300	2"	6.50	.88	.06	3.62	5.00	8X Ø.75
300	3"	8.25	1.12	.06	5.00	6.62	8X Ø.88
300	4"	10.00	1.25	.06	6.19	7.88	8X Ø.88



Standard Flange Materials
Carbon Steel
316 Stainless Steel

NOTES:

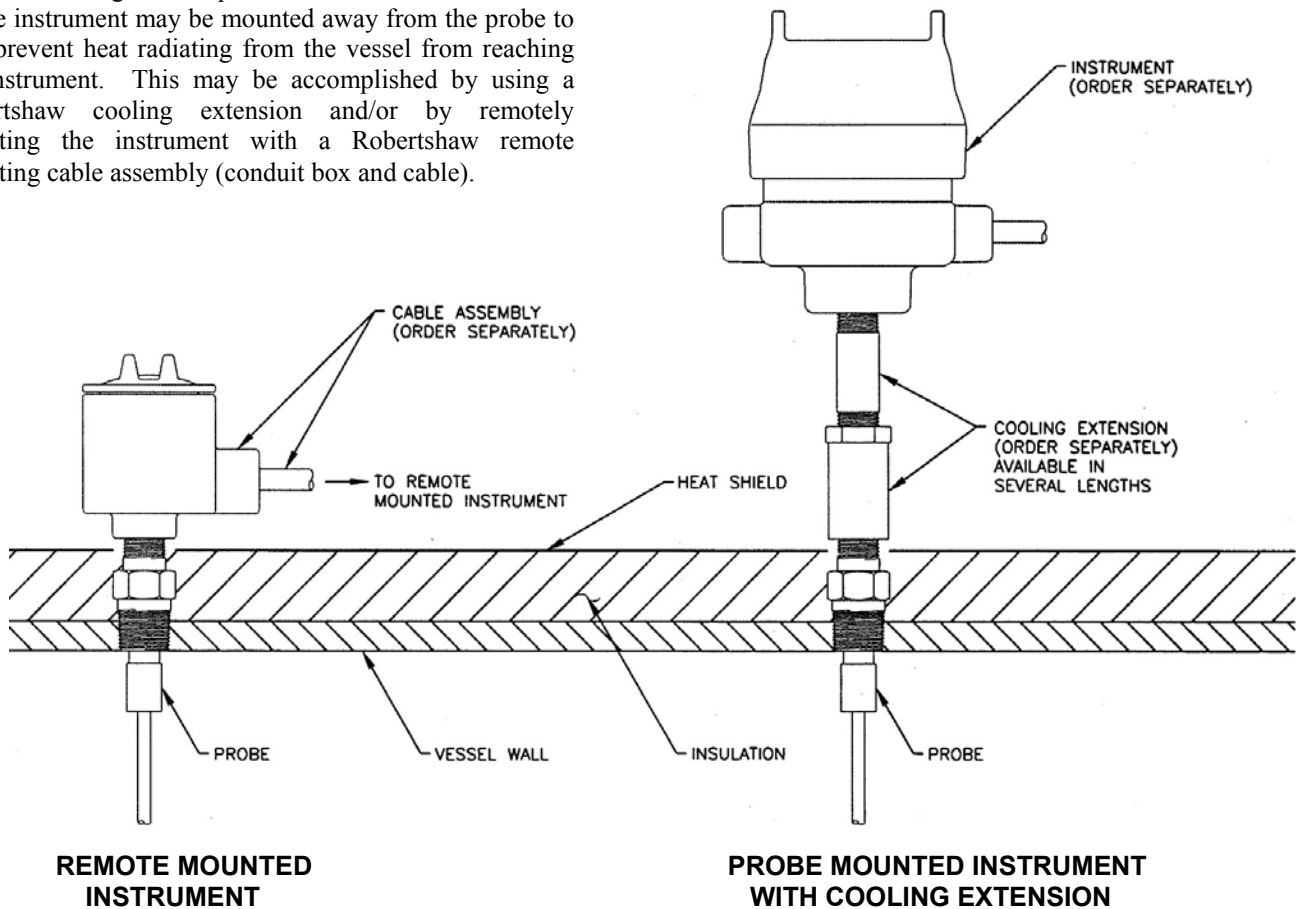
- Probes may be supplied with flanges of different sizes, styles and materials than listed above by special order. Consult factory
- Flanges conform to ANSI B16.5.
- The pressure/temperature ratings of probes supplied with a flange shall be that of the flange or as specified on page 1 for the probe, whichever is less.
- The probe insertion length is 1.19" longer than the probe active length.



TYPICAL HIGH TEMPERATURE PROBE INSTALLATIONS

In high temperature applications it is important that the instrument and, if applicable, the remote mounting cable assembly not to be subjected to a temperature greater than its ambient rating so as to prevent heat related failures.

The instrument may be mounted away from the probe to help prevent heat radiating from the vessel from reaching the instrument. This may be accomplished by using a Robertshaw cooling extension and/or by remotely mounting the instrument with a Robertshaw remote mounting cable assembly (conduit box and cable).



NOTES:

1. Refer to the instrument specification sheet for the ambient rating of the instrument and/or remote mounting cable assembly. Not all instruments may be remote mounted.
2. A heat shield and/or insulation should be placed between the vessel and the probe mounted instrument (or probe mounted cable connection).

Robertshaw

U.S.A. and CANADA

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