



Data Sheet Stem Types for Gas Thermometers

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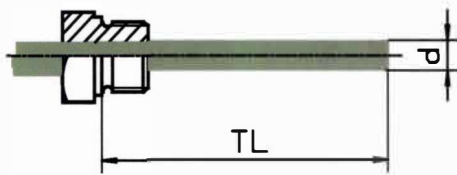
Bristol Instruments
90 Canal Street
4th Floor
Boston, MA 02114

Toll free 877-866-8500

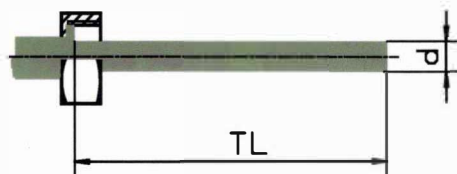
Stem types for Gas thermometers with fixed stem connection



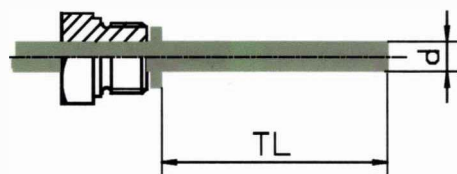
Stem type F1
plain stem without thread



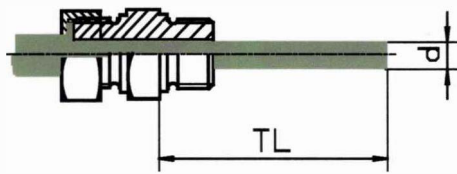
Stem type F2
fixed thread connection



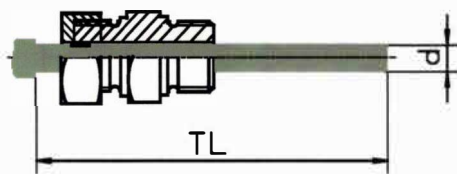
Stem type F4
union nut



Stem type F5
rotating thread
only with extra thermowell



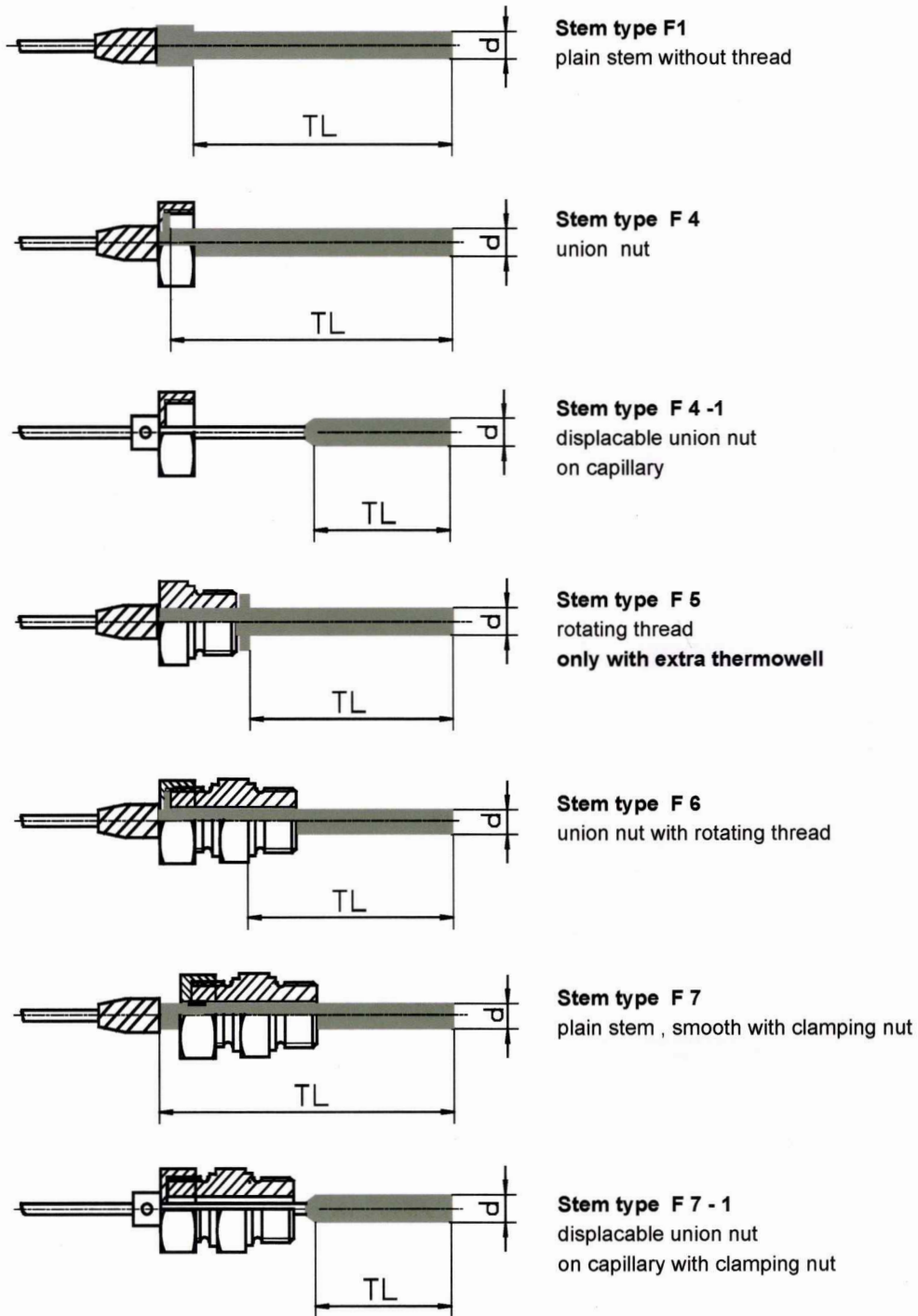
Stem type F6
union nut with rotating thread



Stem type F7
plain stem, smooth with clamping nut

Stem type	Minimum Stem length TL								
	F1, F5			F4, F4-1, F6, F7-1			F7		
Stem diameter	12	10	8	12	10	8	12	10	8
Temperature range									
<500°C	40	50	80	50	60	90	70	80	105
>500 °C	80	110	170	90	120	180	110	145	195

Stem types for Gas thermometers with capillary



Stem type	Minimum Stem length TL								
	F1, F5			F4, F4-1, F6, F7-1			F7		
Stem diameter	12	10	8	12	10	8	12	10	8
Temperature range									
<500°C	40	50	80	50	60	90	70	80	105
>500 °C	80	110	170	90	120	180	110	145	195