

## TW70 Flanged/Threaded/Weld-In Protection Tube

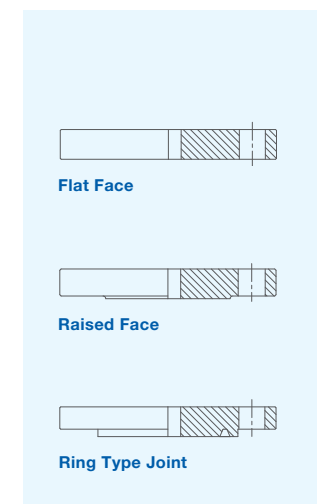
Thermowells within the TW70 series are primarily designed for low pressure applications but also include high temperature, corrosion, and erosion services. These protection tubes are designed to accommodate high temperature thermocouples and RTD's.

### Applications:

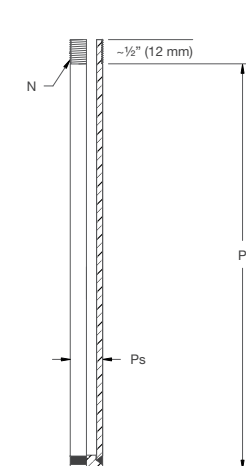
- Chemical, process, apparatus and plant engineering; petrochemical; on/offshore
- Boilers; incinerators; furnaces; reactor vessels

TW70 Flanged / Threaded / Weld-In Protection Tube	
Thermowell Style:	Flanged, Threaded, or Weld-In
Pipe Size:	1/4 inch, 1/2 inch, 3/4 inch, or 1 inch
Pipe Schedule:	40, 80, 160 or XXH
Flange Face (where applicable):	To ASME B16.5 standards
Flange Size (where applicable):	ASME 1 to 3 inch
Flange Welding Options (where applicable):	Full Penetration or Partial Penetration
Pressure Rating:	Up to 2500 psig for flanged protection tube
Process Thread (threaded protection tube):	1/2 to 1 1/2 NPT
Insertion Length:	Up to 240 inch
Options:	<ul style="list-style-type: none"> <li>■ Quality certificates</li> <li>■ Product tagging</li> <li>■ Shot peening</li> <li>■ Metallic hard coating</li> <li>■ Drilled solid bar stock tip</li> </ul>

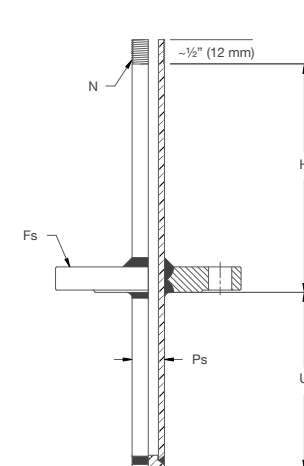
### Flange Faces



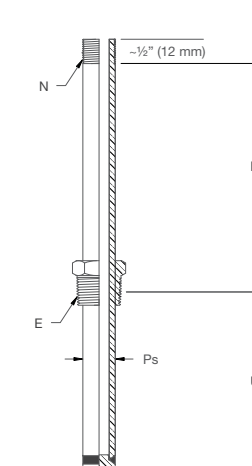
### Weld-In



### Flanged



### Threaded



# TW70

Create your product part number by selecting the appropriate assembly items from each of the categories below. Enter the item code into the applicable box to generate the part number. Note: Some configurations are unavailable. Your WIKA sales person will notify you if you have made an incorrect selection

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																			
Part Number: TW70-X-X-XXX-XX-XX-XXX-XX-XXXXX-XXXXXXXXXXXX-XX-X-X		<b>1 Thermowell style</b>		<b>2 Unit of measure</b>		<b>3 Welding options</b>		<b>4 Material</b>		<b>5 Pipe size [Ps]</b>		<b>6 Pipe schedule</b>		<b>7 Instrument connection [N]</b>		<b>8 Flange size [Fs]</b>		<b>9 Pressure rating</b>		<b>10 Flange face</b>		<b>11 Process thread [E]</b>		<b>12 Insertion length [U]</b>		<b>13 Head length [H]</b>		<b>14 Tube length [P]</b>		<b>15 RTD / TC / Thermometer assembly</b>		<b>16 Certificates</b>		<b>17 Additional order details</b>	
Code		K Weld-in		I Imperial		D For direct weld mounting		P2 Stainless steel 316		A 1/4 inch		4 Schedule 40		P1 1/4 NPT male		A ASME 1 inch		D 150 psig		A FF (flat face)		ND 1/2 NPT		..... Please specify (e.g. 3.5 inch = 03500) (e.g. 84 mm = 00084)		..... Please specify (e.g. 3.5 inch = 03500) (e.g. 84 mm = 00084)		..... Please specify (e.g. 15 inch = 00015) (e.g. 184 mm = 00184)		1 Quality certificates		T Additional text			
L Flanged		M Metric		F Full penetration welded		P3 Steel A106		P1 Stainless steel 304		B 1/2 inch		8 Schedule 80		P2 1/2 NPT male		C ASME 1 1/2 inch		E 300 psig		B RF (raised face)		NE 3/4 NPT		ZZZZZ Not needed		ZZZZZ Not needed		ZZZZZ Not needed		1B TC10 Industrial TC Assembly		Z Without			
M Threaded		P Partial penetration, fillet a=3 mm (minimum)		P4 Hastelloy@ X		B1 Inconel@ 600		P3 3/4 inch		C 3/4 inch		6 Schedule 160		P3 3/4 NPT male		D ASME 2 inch		F 400 psig		C RTJ (ring type joint)		NF 1 NPT		ZZZZZ Not needed		ZZZZZ Not needed		ZZZZZ Not needed		Z Without		Z Without			
						G5 Stainless steel 310		D 1 inch		D 600 psig		X XXH		P4 1 NPT male		F ASME 3 inch		H 600 psig		Z Without		NH 1 1/2 NPT													

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Part of your business



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