

TW70

Flanged / Threaded / Weld-In Protection Tube



WIKAI

 Part of your business

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

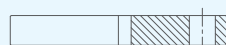
Insertion Length:

Up to 240 inch

Options:

- Quality certificates
- Product tagging
- Shot peening
- Metallic hard coating
- Drilled solid bar stock tip

Flange Faces



Flat Face

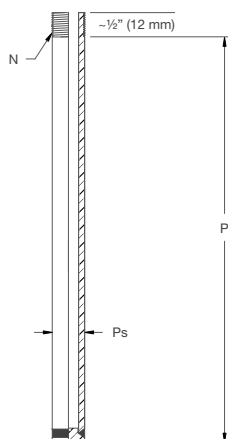


Raised Face

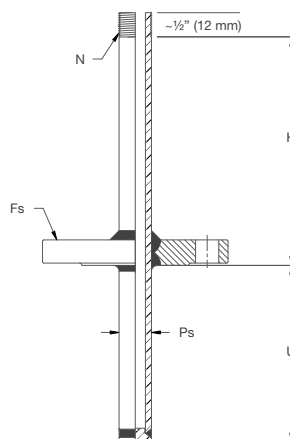


Ring Type Joint

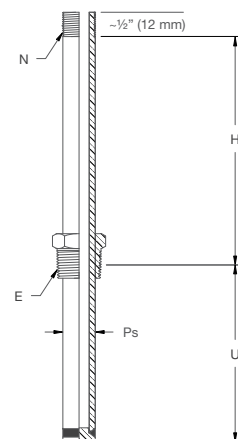
Weld-In



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

Part Number	TW70-X-X-XXX-XX-XX-XXX-XX-XXXX-XXXXXXXXXX-XX-X-X
-------------	--

1 Thermowell style

Code	
K	Weld-in
L	Flanged
M	Threaded

2 Unit of measure

I	Imperial
M	Metric

3 Welding options

D	For direct weld mounting
F	Full penetration welded
P	Partial penetration, fillet a=3 mm (minimum)

4 Material

P2	Stainless steel 316
P1	Stainless steel 304
P3	Steel A106
B1	Inconel® 600
G5	Stainless steel 310
P4	Hastelloy® X

5 Pipe size [Ps]

A	1/4 inch
B	1/2 inch
C	3/4 inch
D	1 inch

6 Pipe schedule

4	Schedule 40
8	Schedule 80
6	Schedule 160
X	XXH

7 Instrument connection [N]

P1	1/4 NPT male
P2	1/2 NPT male
P3	3/4 NPT male
P4	1 NPT male

8 Flange size [Fs]

A	ASME 1 inch
C	ASME 1 1/2 inch
D	ASME 2 inch
F	ASME 3 inch
Z	Without

9 Pressure rating

D	150 psig
E	300 psig
F	400 psig
H	600 psig
J	900 psig
K	1500 psig
L	2500 psig
Z	Without

10 Flange face

A	FF (flat face)
B	RF (raised face)
C	RTJ (ring type joint)
Z	Without

11 Process thread [E]

ND	1/2 NPT
NE	3/4 NPT
NF	1 NPT
NG	1 1/4 NPT
NH	1 1/2 NPT
ZZ	Without

12 Insertion length [U]

*****	Please specify (e.g. 3.5 inch = 03500) (e.g. 84 mm = 00084)
ZZZZZ	Not needed

13 Head length [H]

*****	Please specify (e.g. 3.5 inch = 03500) (e.g. 84 mm = 00084)
ZZZZZ	Not needed

14 Tube length [P]

*****	Please specify (e.g. 15 inch = 00015) (e.g. 184 mm = 00184)
ZZZZZ	Not needed

15 RTD / TC / Thermometer assembly

1A	TR10 Industrial RTD Assembly
1B	TC10 Industrial TC Assembly
ZZ	Without

16 Certificates

1	Quality certificates
Z	Without

17 Additional order details

T	Additional text
Z	Without

WIKAWORLDWIDE

North America

Canada

WIKA Instruments Canada Ltd.
Edmonton, Alberta
Tel.: (+1) 780 463 7035
Fax: (+1) 780 462 0017
E-mail: info@wika.ca
www.wika.ca

Mexico

Instrumentos WIKA México,
S.A. de C.V.
Álvaro Obregón
Tel.: (+52) 55 5020 5300
Fax: (+52) 55 5020 5301
E-mail: ventas@wika.com
www.wika.com.mx

USA

WIKA Instrument Corporation
Lawrenceville, Georgia
Tel.: (+1) 770 513 8200
Fax: (+1) 770 338 5118
E-mail: info@wika.com
www.wika.com

USA

WIKA Instrument Corporation
Houston Facility
Deer Park, Texas
Tel.: (+1) 713 475 0022
Fax: (+1) 713 475 0011
E-mail: info@wikahouston.com
www.wika.com

South America

Argentina

WIKA Argentina S.A.
Buenos Aires
Tel.: (+54) 11 4730-1800
Fax: (+54) 11 4761-0050
E-mail: info@wika.com.ar
www.wika.com.ar

Brazil

WIKA DO BRASIL
Iperó - SP
Tel.: (+55) 15 3459 9700
Fax: (+55) 15 3266 1650
E-mail: marketing@wika.com.br
www.wika.com.br

Europe

Austria

WIKA Meßgerätevertrieb
Ursula Wiegand GmbH & Co. KG
Wien
Tel.: (+43) 1-8 69 16 31
Fax: (+43) 1-8 69 16 34
E-mail: info@wika.at
www.wika.at

Benelux

WIKA Benelux
Echt
Tel.: (+31) 475 53 55 00
Fax: (+31) 475 53 54 46
E-mail: info@wika.nl
www.wika.nl

Bulgaria

WIKA Bulgaria EOOD
Sofia
Tel.: (+359) 2 82138-10
Fax: (+359) 2 82138-13
E-mail: t.antonov@wika.bg
www.wika.bg

Finland

WIKA Finland Oy
Helsinki
Tel.: (+358) 9-682 49 20
Fax: (+358) 9-682 49 270
E-mail: info@wika.fi
www.wika.fi

France

WIKA Instruments s.a.r.l.
Eragny-sur-Oise
Tel.: (+33) 1/34 30 84 84
Fax: (+33) 1/34 30 84 94
E-mail: info@wika.fr
www.wika.fr

Germany - Head Office

WIKA Alexander Wiegand
GmbH & Co. KG
Klingenberg
Tel.: (+49) 9372 132-0
Fax: (+49) 9372 132-406
E-mail: info@wika.de
www.wika.de

Italy

WIKA Italiana SRL
Arese (Milano)
Tel.: (+39) 02-93 86 11
Fax: (+39) 02-93 86 174
E-mail: info@wika.it
www.wika.it

Poland

Kujawska Fabryka Manometrow
Wloclawek
Tel.: (+48) 54230 11 00
Fax: (+48) 54230 11 01
E-mail: info@manometry.com.pl
www.manometry.com.pl

Romania

WIKA Instruments Romania S.R.L.
Bucuresti
Tel.: (+40) 21-456 31 38
Fax: (+40) 21-456 31 37
E-mail: m.anghel@wika.ro
www.wika.ro

Russia

ZAO "WIKI MERA"
Moskau
Tel.: (+7) 495-648 01 80
Fax: (+7) 495-648 01 81
E-mail: info@wika.ru
www.wika.ru

Serbia

WIKI Merna Tehnika d.o.o.
Beograd
Tel.: (+381) 11 2763 722
Fax: (+381) 11-753 674
E-mail: info@wika.co.yu
www.wika.co.yu

Spain

Instrumentos WIKI, S.A.
Sabadell (Barcelona)
Tel.: (+34) 902 902 577
Fax: (+34) 933 938 666
E-mail: info@wika.es
www.wika.es

Switzerland

MANOMETER AG
Hitzkirch
Tel.: (+41) 41 919 72 72
Fax: (+41) 41 919 72 73
E-mail: info@manometer.ch
www.manometer.ch

Ukraine

WIKI Pribor GmbH
Donetsk
Tel.: (+38) 062 345-34-16
Fax: (+38) 062 345-34-17
E-mail: info@wika.donetsk.ua
www.wika.donetsk.ua

United Kingdom

WIKI Instruments Limited
Merstham, Redhill
Tel.: (+44) (0) 1737 644 008
Fax: (+44) (0) 1737 644 403
E-mail: info@wika.co.uk
www.wika.co.uk

Asia

China

WIKI International Trading
(Shanghai) Co., Ltd.
Shanghai
Tel.: (+86) 21 53 85 25 72
Fax: (+86) 21 53 85 25 75
E-mail: wakash@online.sh.cn

India

WIKI Instruments India Pvt. Ltd.
Wagholi, Pune
Tel.: (+91) 20-66293200
Fax: (+91) 20-66293325
E-mail: sales@wika.co.in
www.wika.co.in

Japan

WIKI Japan K.K.
Minato-ku, Tokyo
Tel.: (+81) 3-5439-6673
Fax: (+81) 3-5439-6674
E-mail: t-shimane@wika.co.jp

Kazakhstan

TOO WIKI Kasachstan
Almaty
Tel.: (+7) 3272 33 08 48
Fax: (+7) 3272 78 99 05
E-mail: info@wika.kz
www.wika.kz

Korea

WIKI Korea Ltd.
Seoul
Tel.: (+82) 2-869 05 05
Fax: (+82) 2-869 05 25
E-mail: info@wika.co.kr
www.wika.co.kr

Malaysia

WIKI Instrumentation (M) Sdn Bhd
Puchong, Selangor
Tel.: (+03) 80631080
Fax: (+03) 80631070
E-mail: info@wika.com.my
www.wika.com.my

Singapore

WIKI Instrumentation PTE. LTD.
Singapore
Tel.: (+65) 6844 55 06
Fax: (+65) 6844 55 07
E-mail: info@wika.com.sg
www.wika.com.sg

Taiwan

WIKI Instrumentation Taiwan Ltd.
Pinjen, Taoyuan
Tel.: (+886) 3 420 6052
Fax: (+886) 3 490 0080
E-mail: info@wika.com.tw
www.wika.com.tw

Africa/Middle East

Egypt

WIKI Alexander Wiegand
GmbH & Co. KG
Nasr City, Cairo
Tel.: (+20) 2-227 33 140
Fax: (+20) 2-227 33 140
E-mail: Ahmed.Azab@wika.de

Iran

WIKI Instrumentation Pars
Kish Ltd.
Tehran
Tel.: (+98) 21- 8852 6730 3
Fax: (+98) 21- 8875 7413
E-mail: info@wika.ir
www.wika.ir

South Africa

WIKI Instruments (Pty.) Ltd.
Gardenview, Johannesburg
Tel.: (+27) 11-621 00 00
Fax: (+27) 11-621 00 59
E-mail: sales@wika.co.za
www.wika.co.za

United Arab Emirates

WIKI Middle East FZE
Jebel Ali, Dubai
Tel.: (+971) 4-883 90 90
Fax: (+971) 4-883 91 98
E-mail: wikame@emirates.net.ae

Australia

Australia

WIKI Australia Pty. Ltd.
Rydalmere NSW
Tel.: (+61) 2 8845 5222
Fax: (+61) 2 9684 4767
E-mail: sales@wika.com.au
www.wika.com.au



 Part of your business