



14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

April 08, 2015

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L0R 2H8
CA

Service Request Type.: BPV-National MB
Service Request No.: 1336916
Your Reference No.: GUNTNER DISTRIBUTOR
Registered to.: GUNTNER DE MEXICO S.A. DE C.V.

Dear SCOTT ISLIP,

Please find enclosed the original response from MB, registered under the CRN No.: 0H16646.54.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

June 13, 2014

TSSA
3300 Bloor St. W, Center Tower, 14th Floor
Toronto, ON
M8X 2X4

Attn: Tanya Francis

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: Guntner De Mexico, SA De C.V.

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
300-0000258421 & 435 Rev. 2	0H16646.54	33696

An invoice covering survey and registration fees is enclosed.

***NOTE:** CRN registered under reciprocal agreement. This registration expires February 10, 2024
CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: TSSA.*

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Ryan DeLury, C.E.T.

Senior Design Surveyor, Inspection and Technical Services



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will
appear on the fitting, in the space below

GÜNTNER

STATUTORY DECLARATION Registration of Fittings

I, IAN RUNSEY, V.P. PRODUCT MANAGEMENT

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of GUNTNER DE MEXICO, S.A. DE C.V.

(Name of Manufacturer)

Located at Av. Rogelio Gonzalez Caballero No. 1000, Parque Industrial Stiva
Aeropuerto, 66600 Apodaca, N.L., Mexico

(81) 81560600

(81) 81560606

(Plant Address)

(Telephone No.)

(Fax No.)

☒ do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of
ASME SECTION VIII-1, ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☐ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with
as supported by the attached data which identifies the dimensions, material of construction,
pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001
which has been verified by the following authority, TUV-SUD

The items covered by this declaration, for which I seek registration, are category H Fittings - Distributor type fittings. In support of
this application, the following information and/or test data are attached as follows:

DRAWING 300-0000258421, DRAWING 300-0000258435, DESIGN CALCULATIONS

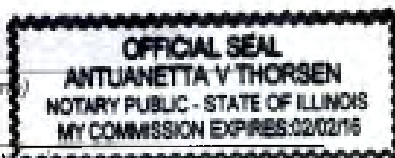
(drawings, calculations, test reports, etc.)

Declared before me at 110 W. Hillcrest Blvd. in the state of IL
the 26th day of November AD 20 13

Commissioner for Oaths:

(Signature)

(Printed name)



(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the
Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and
CSA Standard B51 and is accepted for registration in Category H

CRN: 0411664654

Registered by: ARTUR

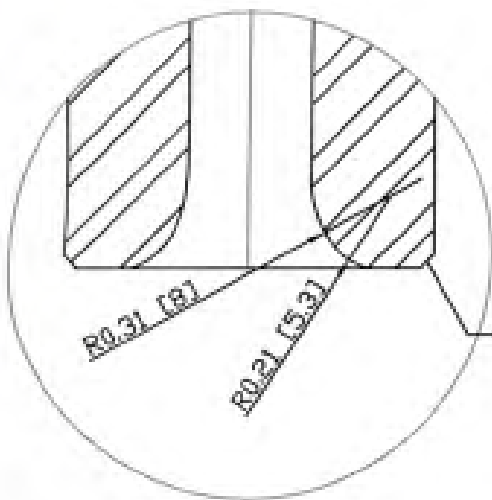
Dated: June 4 2014

NOTE: This registration expires on February 10, 2024





Colleen Anne Ratcliff, a Commissioner, etc.,
City of Toronto, for the Technical Standards
& Safety Authority.
Expires July 24, 2016.



DETAIL B

DESIGN DATA	
VESSEL CODE	ASME VIII-1, 2013
PIPE CODE	ASME B31.3, 2012
CODE STAMP	NONE
CRN NUMBER	TBA
WIND CODE	N/A
SEISMIC CODE	N/A
IMPACT TEST	NONE
INTERNAL DESIGN	1160 PSIG AT 300 °F
EXTERNAL DESIGN	0 PSIG AT 300 °F
MDMT	-320 °F
HYDROTEST PRESS	INFIELD (NOTE 3)
ODROSION ALLOW.	NIL
RADIOGRAPHY	NONE
MT / PT	NONE
WPS	TBA
PWHT	NONE
WEIGHT DRY	N/A LBS.
WEIGHT FULL	N/A LBS.
VOLUME	N/A USGAL (N/A FT ³)
INTERNAL FINISH	NONE
EXTERNAL FINISH	NONE



Notes:

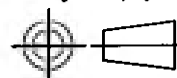
1. All dimensions are in inches. SI units if provided are in brackets.
2. Impact test exempt.
3. Testing of the assembly to be performed as part of assembled piping or a initial service leak test performed in accordance with paragraph 345.7 of ASME B31.3.

Material:

DV: ASME SA182-304/304L

DV: ASME SA182-316/316L

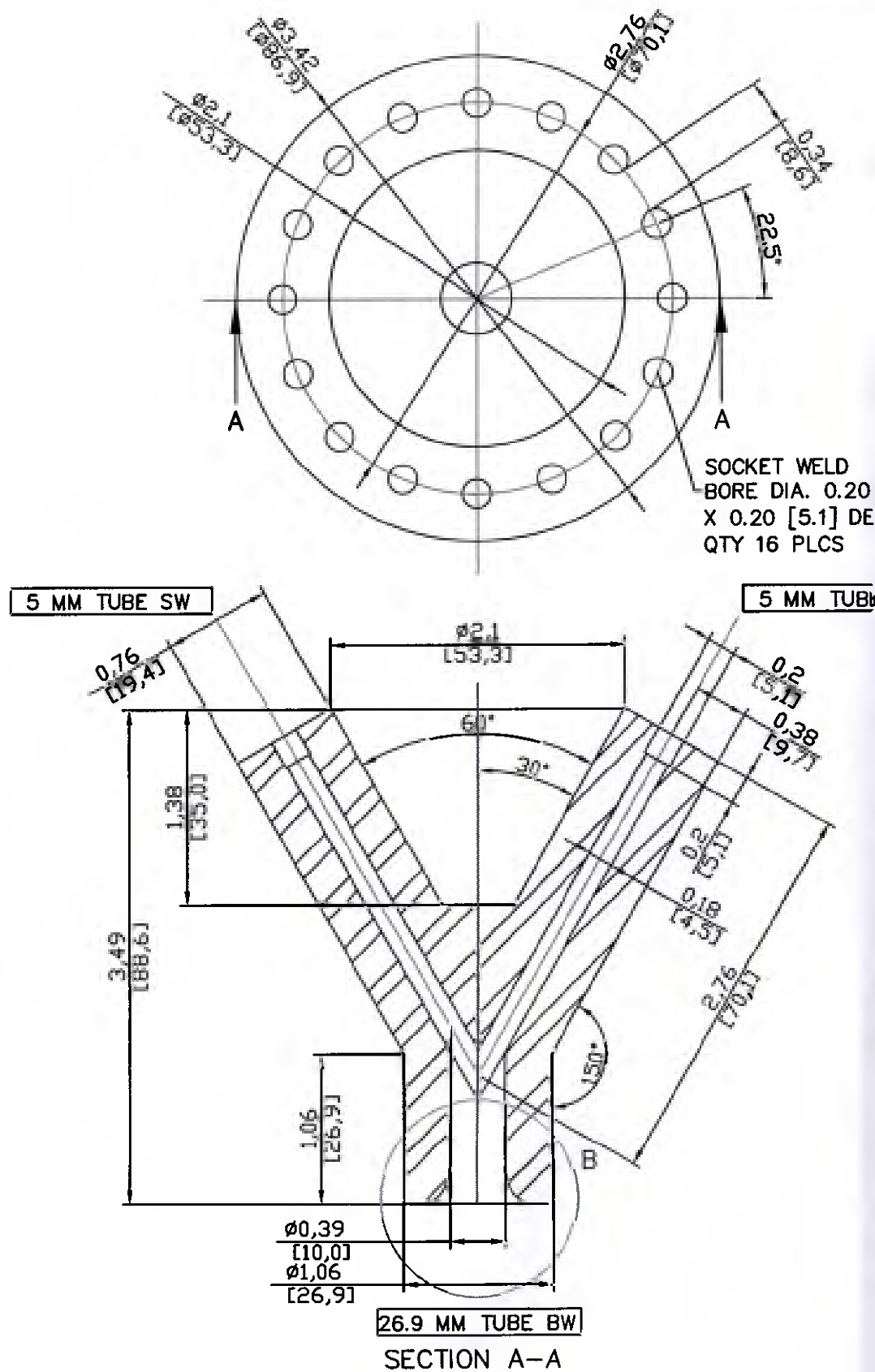
Tercer ángulo de proyección



Dimensiones en mm

Es:		Material:		Peso:
Pos.:		Cliente:		Serie
Cantidad:		Modelo: Distribuidor para Evaporador Dx		
02 Actualizacion de numero de parte		01 Estandarizacion de dibujos		
01 Estandarizacion de dibujos		DV260516 / DF260516		
Descripción		Fecha	Nombre	Dibujo No.:
Dib.:		21.10.2010	asalazar	300-0000258421 (CRN)
Aprb.:		16.05.2013	rmunoz	SHEET 1 OF 2
Intercambiadores de calor		Prov.:		Orden:
in Prüfung				Revisión
				02 PDM

DN 34



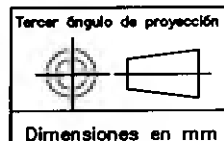


DEFINED ASME AREA MODEL

INNER DISTRIBUTOR TRANSITION
DESIGN 1160 PSIG AT 300 F EXTERNAL

 DISTRIBUTOR SOCKET WELD TUBES
DESIGN 1160 PSIG AT 300 F INTERNAL

Material:
DV: ASME SA182-304/304L
DV: ASME SA182-316/316L

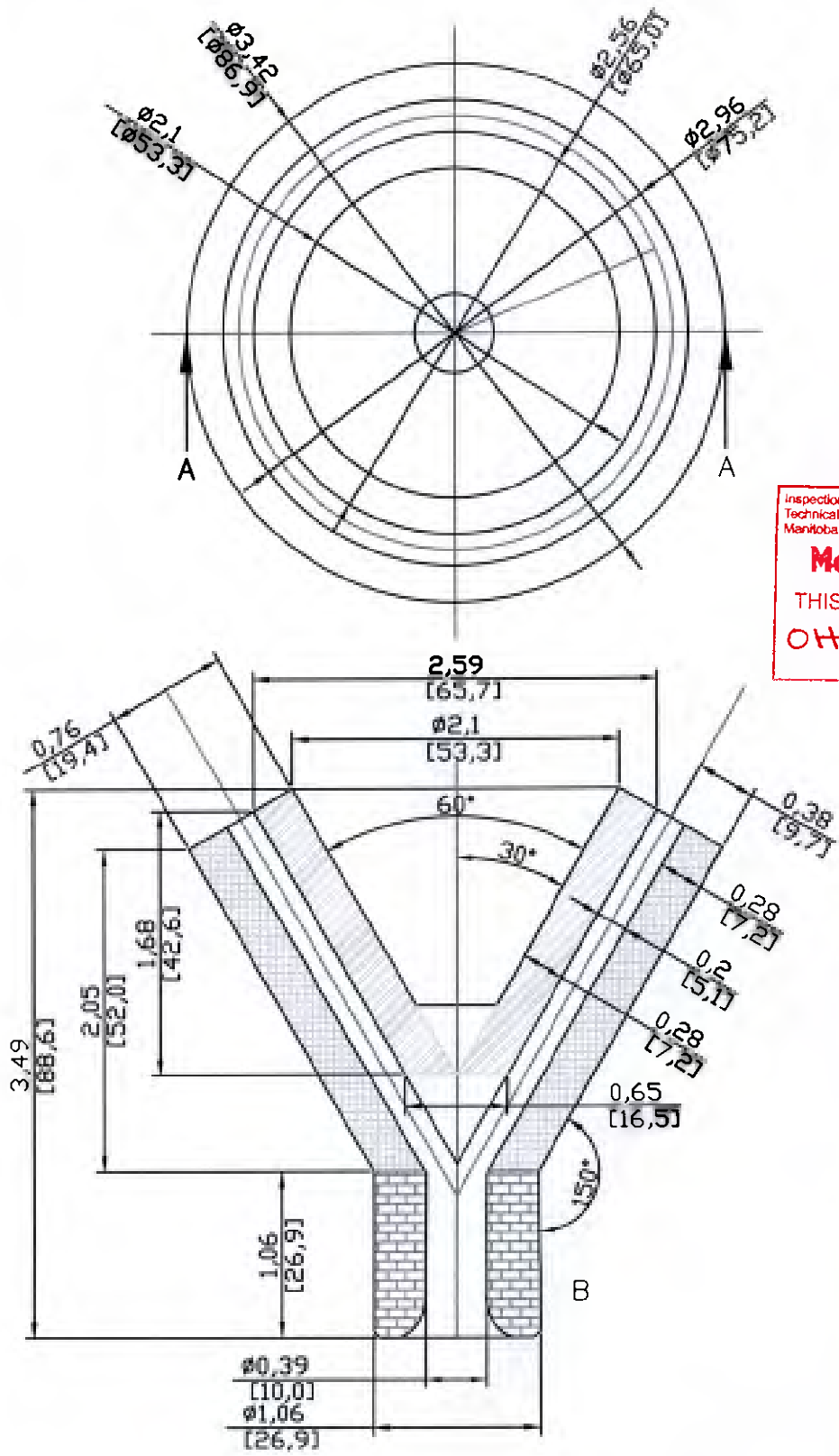


						Es:	Material:	Peso:
						Pas.:	Cliente:	Serie
						Cantidad:		
						Modelo: Distribuidor para Evaporador Dx		
02	Actualizacion de numero de parte	01.05.2013	elozano			DV260516 / DF260516		
01	Estandarizacion de dibujos	14/11/2013	basalzar					
	Descripción							
		Fecha	Nombre					
	 Santiver de México S.A. de C.V. Parque Ind. STIVA Apdo. No. 14160 www.guntner.com.mx Tel. + 52-8181 5806-00 Fax + 52-8181 5505-00	Fecha	Nombre		Dibujo No.:	Revisión		
		Dib.:	21.10.2010	asalazar		02		
		Aprb.:	16.05.2013	rmunoz		PDM		
					Proy:	Orden:		
						300-0000258421 (CRN) SHEET 2 OF 2		

INTERCAMBIADORES DE CALOR

in Prüfung

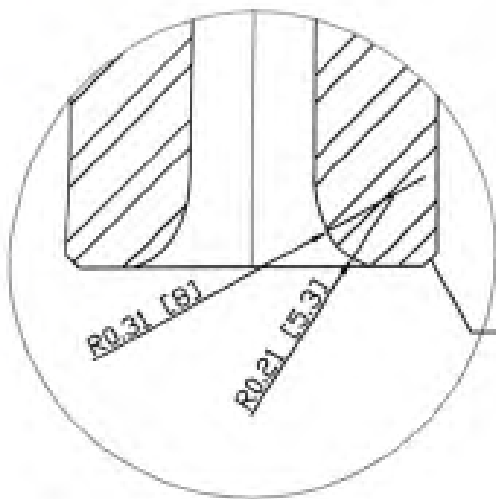
Tabla de tolerancias
 TE5/A00/006/94/KS
 Piezas de lámina: DIN 8570-D
 Soldadura: DIN ISO 2768-v
 Tolerancias generales: DIN ISO 2768-v
 Nota de protección de acuerdo a DIN 34



Inspection &
 Technical Services
 Manitoba
Manitoba
 THIS IS PA
 04/16/06

NI
 1)
 AI
 2)
 DI
 BR
 A
 DI
 B
 TH
 P

SECTION A-A



DETAIL B

DESIGN DATA	
VESSEL CODE	ASME VIII-1, 2013
PIPE CODE	ASME B31.3, 2012
CODE STAMP	NONE
CRN NUMBER	TBA
WIND CODE	N/A
SEISMIC CODE	N/A
IMPACT TEST	NONE
INTERNAL DESIGN	1160 PSIG AT 300 °F
EXTERNAL DESIGN	D PSIG AT 300 °F
MDMT	-320 °F
HYDROTEST PRESS	INFIELD (NOTE 3)
CORROSION ALLOW.	NIL
RADIOGRAPHY	NONE
MT / PT	NONE
WPS	TBA
PWHT	NONE
WEIGHT DRY	N/A LBS.
WEIGHT FULL	N/A LBS.
VOLUME	N/A USGAL (N/A FT^3)
INTERNAL FINISH	NONE
EXTERNAL FINISH	NONE



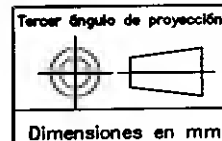
Notes:

1. All dimensions are in inches. SI units if provided are in brackets.
2. Impact test exempt.
3. Testing of the assembly to be performed as part of assembled piping or a initial service leak test performed in accordance with paragraph 345.7 of ASME B31.3.

Material:

DV: ASME SA182-304/304L

DV: ASME SA182-316/316L



Es:		Material:		Peso:	
Pos.:		Cliente:		Sena	
Cantidad:					
Modelo:		Distribuidor para Evaporador Dx			
02 Actualizacion de numero de parte		01 05 2013		Jelozano	
01 Estandarizacion de dibujos		14/01/2013		Jelozano	
Descripción		Fecha		Revisión	
Dib.:		21.10.2010		asalazar	
Aprb.:		16.05.2013		rmunoz	
Dibujo No.:		300-0000258435 (CRN)		Revisión	
SHEET 1 OF 2				02 PDM	
Proy.:		Orden:			

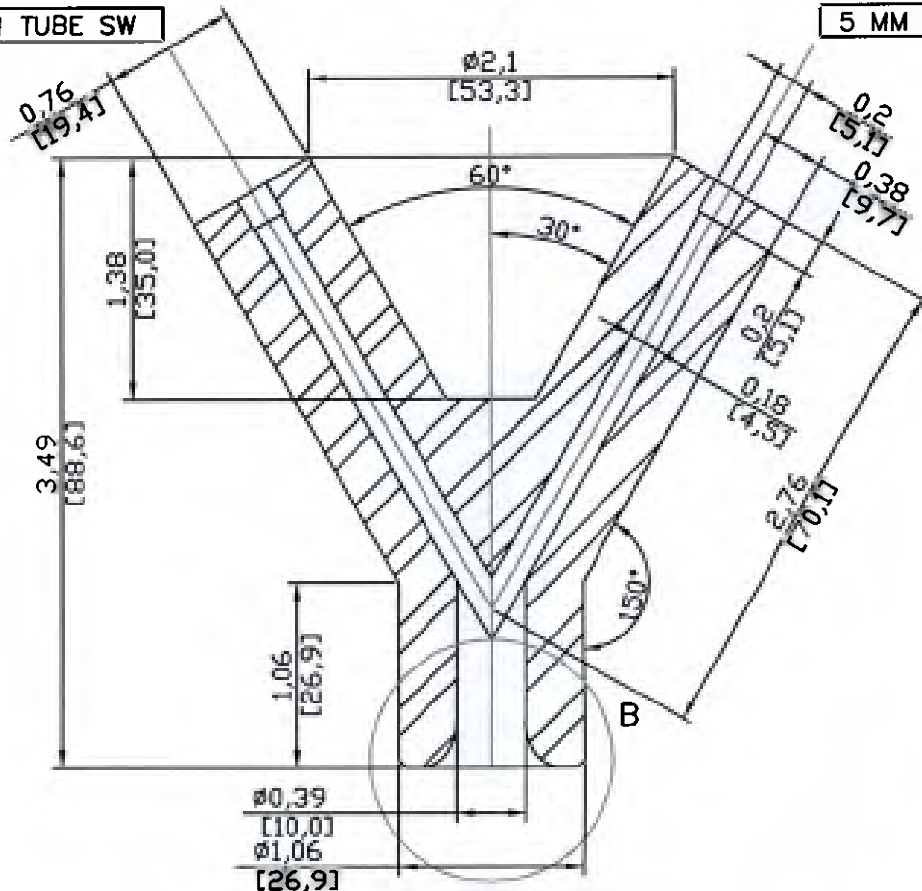


Tabla de tolerancias
 TE5/A00/006/94/KS
 Piezas de lámina: DIN 8570-0
 Soldadura: DIN ISO 2768-v
 Tolerancias generales: DIN ISO 2768-v

Nota de protección de acuerdo a DIN 34

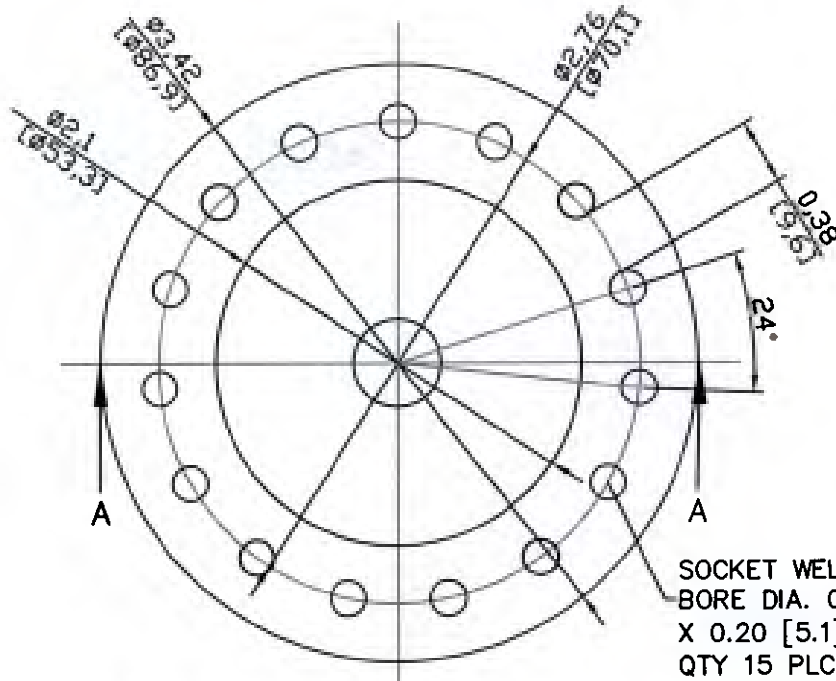
5 MM TUBE SW

5 MM TUBE



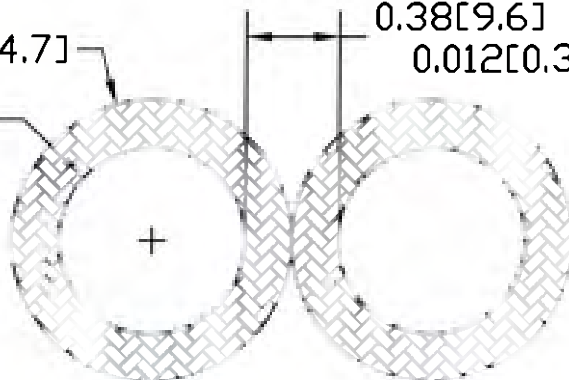
26.9 MM TUBE BW

SECTION A-A



SOCKET WELD
 BORE DIA. 0.20
 X 0.20 [5.1] DEPT
 QTY 15 PLCS

$\phi 0.58[\phi 14.7]$
 $\phi 0.20[\phi 5.1]$ NOTE 2A
 0.38[9.6] NOTE 2B
 0.012[0.31] MIN.



DISTRIBUTOR SOCKET WELD
TUBE PORTS SPACING MODEL

DEFINED ASME AREA MODEL

	OUTER DISTRIBUTOR TRANSITION DESIGN 1160 PSIG AT 300 F INTERNAL
	INNER DISTRIBUTOR TRANSITION DESIGN 1160 PSIG AT 300 F EXTERNAL
	DISTRIBUTOR CYLINDER DESIGN 1160 PSIG AT 300 F INTERNAL
	DISTRIBUTOR SOCKET WELD TUBES DESIGN 1160 PSIG AT 300 F INTERNAL

NOTES:
 ALL DIMENSIONS ARE IN INCHES. SI UNITS IF PROVIDED
 ARE IN BRACKETS.
 BASED ON THE ASME VIII-1 CALCULATIONS A
 DISTRIBUTOR WITH THE SAME ENVELOP DIMENSIONS CAN
 BE USED AS LONG AS THE FOLLOWING IS MET:
 THE MAXIMUM SOCKET WELD TUBE PORT BORE
 DIAMETER IS 0.20" (5.1 MM).
 THE TOTAL NUMBER OF TUBE PORTS IS SUCH THAT
 THE MINIMUM DISTANCE BETWEEN SOCKET WELD TUBE
 PORTS IS 0.012"(0.31MM).

Material:
 DV: ASME SA182-304/304L
 DV: ASME SA182-316/316L



			Es:	Material:	Peso:
			Pos.:	Cliente:	Serie
			Cantidad:		
			Modelo:	Distribuidor para Evaporador Dx	
02	Actualizacion de numero de parte	01.05.2013	delozano	DV260515 / DF260515	
01	Estandarizacion de dibujos	14/11/2013	Imaribasi		
	Descripción	Fecha	Nombre	Dibujo No.:	Revisión
				300-0000258435 (CRN)	02
				SHEET 2 OF 2	PDM
				Proy:	Orden:



Gunter de México S.A. de C.V.
 Parque Ind. 5000
 Apdo. 111, México
 www.gunter.com.mx
 Tel. + 52-55-5111 5000-00
 Fax + 52-55-5111 5000-00

INTERCAMBIADORES DE CALOR

in Prüfung

Seguimiento: DIN 8570-1
Tolerancias generales: DIN ISO 2768-mS Nota de protección de acuerdo a DIN 34



Man

HIS B

HL

N
1
A
2
D
B
A
D
B
T
P