

ST-1600 STEAM-TRAC DIRECT READING STEAM/WATER GAGES For 1600 PSI Working Steam Pressure (WSP)

- Fully compliant with ASME as a Direct Reading Water Gage
- Multiple sections with minimum 1" overlap
- Spring washers for constant torque
- Recessed gasket face in chamber and cover
- Custom built per specifications
- Studs, nuts and washers are yellow cadmium plated
- High temperature coating

Steam-Trac ST-1600 steam gages are ruggedly built to set the industry standard for reliability in the difficult mid-pressure range from 1000 to 1600 PSI Working Steam Pressure. All materials and construction standards are within strict compliance of ASME Section 1 code requirements.

The Steam-Trac ST-1600 can be configured to replace less durable, more expensive, competitive models or for specific construction projects. Visible range must be achieved by using multiple sections with a 1" minimum overlap to ensure continuous visibility, as required by ASME Section 1, PG-60.

To reduce expensive maintenance cycles, the Steam-Trac ST-1600 is built with a gage chamber that is reinforced with internal tie bars to minimize lateral deflection of the gage chamber which is the primary cause of gasket or mica failure in steam gages. Consistent load on the gage cover is ensured with the liberal use of spring washers.

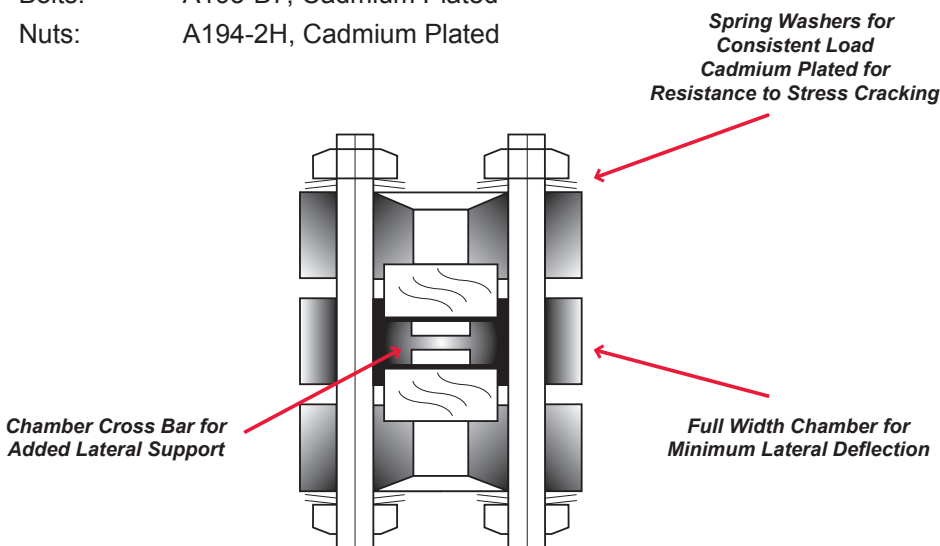


Standard Materials

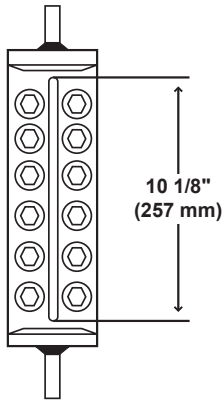
- Chamber: A516, Grade 70 Carbon Steel
- Gasket: Grafoil® GHR
- Shield: HQ Mica
- Glass: Tempered Borosilicate
- Cover: A516, Grade 70 Carbon Steel
- Washers: 17-7 PH Stainless Steel, Cadmium Plated
- Bolts: A193-B7, Cadmium Plated
- Nuts: A194-2H, Cadmium Plated

Single Section Gages		
Model	Visible Glass	
	inches	mm
ST-1600-61	9	229
ST-1600-71	10 1/8	257
ST-1600-81	11 3/4	298
ST-1600-91	12 1/2	318

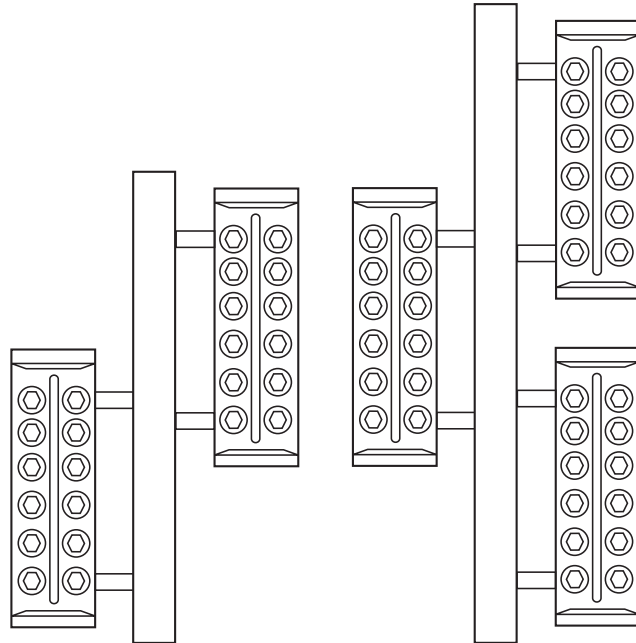
Multiple Section Gages		
Model	Maximum Visible Glass	
	inches	mm
ST-1600-62	17	432
ST-1600-72	19 1/4	489
ST-1600-82	22 1/2	572
ST-1600-92	24	610
ST-1600-73	28 3/8	721
ST-1600-83	33 1/4	845
ST-1600-93	35 1/2	902
ST-1600-74	37 1/2	953
ST-1600-84	44	1118
ST-1600-94	47	1194
ST-1600-85	54 3/4	1391
ST-1600-95	58 1/2	1486



STEAM-TRAC ST-1600 STEAM/WATER GAGES - 1600 PSI WSP



The minimum size of a single insert is 10 1/8" visibility. Standard Size 7 Glass



Gage inserts can be mounted on a center-tube to meet any visible range requirement.

Ask us about adding alarms to the center-tube!

Model Number:

ST - 1600 - 74 - **TB** - **06** - **N**

Connection Location

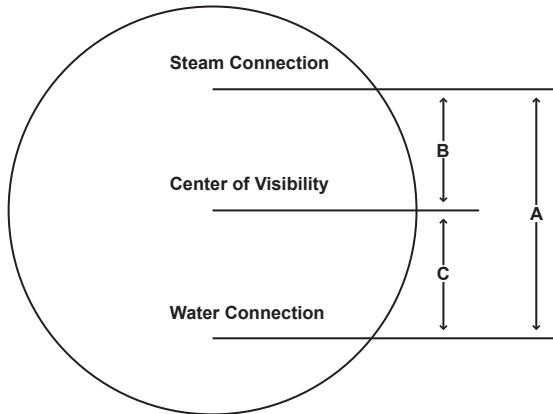
TB = Top/Bottom Connected
 SS = Side/Side Connected
 SB = Top Side/Bottom End Connected
 TS = Top End/Bottom Side Connected

Connection Size

04 = 1/2"
 06 = 3/4"
 08 = 1"

Connection Type

T = Threaded
 S = Socket Weld
 U = Union
 F = Flanged
 N = 304 SS Stuffing Box Nipples (3/4" Top/Bottom Only)



Dimensional Information Required:

- A = Steam Water Centers
 Please indicate any valve or expansion loop requirements.
 And
- B = Center of Visibility to Steam Connection
 Or
- C = Center of Visibility to Water Connection

The following information is required for prompt, accurate cost quotations and order processing:

- Maximum Operating Steam Pressure
- Steam Water Connection Size and Type
- Other Plant Piping Tie-Ins
- Gage Valve Requirements